Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

UNITED STATES DEPARTMENT OF AGRICULTURE

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

1925–1926

OFFICE OF EXPERIMENT STATIONS

MISCELLANEOUS CIRCULAR No. 58

UNITED STATES DEPARTMENT OF AGRICULTURE
MISCELLANEOUS CIRCULAR No. 58
Washington, D. C. March, 1926

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

By MARY A. AGNEW
Office of Experiment Stations

1925–1926

WASHINGTON
GOVERNMENT PRINTING OFFICE
1926

OFFICERS OF THE ASSOCIATION OF LAND-GRANT COLLEGES NOVEMBER, 1925

President: E. A. BURNETT of Nebraska.
Vice President: J. L. COULTER of North Dakota.
Secretary-Treasurer: J. L. HILLS of Vermont.
Assistant Secretary: S. B. HASKELL of Massachusetts.
Executive Committee: THE PRESIDENT, ex officio; R. A. PEARSON of Iowa, *chairman;* F. B. MUMFORD of Missouri, R. D. HETZEL of New Hampshire, A. F. WOODS of Maryland, and J. G. LIPMAN of New Jersey.

OFFICERS OF THE SECTIONS

Section of Agriculture:
Chairman, J. H. SKINNER of Indiana.
Vice Chairman, B. YOUNGBLOOD of Texas.
Secretary, M. S. MCDOWELL of Pennsylvania.
Subsection of Resident Teaching:
Chairman, R. L. WATTS of Pennsylvania.
Secretary, C. A. WILLSON of Tennessee.
Subsection of Experiment Station Work:
Chairman, D. T. GRAY of Arkansas.
Secretary, W. L. SLATE, Jr., of Connecticut.
Recording Secretary, E. W. ALLEN of Washington, D. C.
Subsection of Extension Work:
Chairman, I. O. SCHAUB of North Carolina.
Secretary, J. D. WILLARD of Massachusetts.
Section of Engineering:
Chairman, O. M. LELAND of Minnesota.
Secretary, R. A. SEATON of Kansas.
Section of Home Economics:
Chairman, MARGARET M. JUSTIN of Kansas.
Secretary, WYLLE B. MCNEAL of Minnesota.

STANDING COMMITTEES

Committee on Instruction in Agriculture, Home Economics, and Mechanic Arts: For three years, C. EVERETT MYERS of Pennsylvania, H. S. BOARDMAN of Maine, and AVA B. MILAM of Oregon; for two years, SPRIGHT DOWELL of Alabama, ALFRED VIVIAN of Ohio, and ABBY L. MARLATT of Wisconsin; for one year, A. C. TRUE of Washington, D. C., *chairman,* BERTHA M. TERRILL of Vermont, O. M. LELAND of Minnesota, and J. H. SKINNER of Indiana.

Committee on College Organization and Policy: For three years, C. W. PUGSLEY of South Dakota and RUTH A. WARDALL of Illinois; for two years, C. A. LORY of Colorado, *chairman,* and E. C. ELLIOTT of Indiana; for one year, F. P. ANDERSON of Kentucky and BRADFORD KNAPP of Oklahoma.

Committee on Experiment Station Organization and Policy: For three years, J. C. KENDALL of New Hampshire and W. R. DODSON of Louisiana; for two years, J. T. JARDINE of Oregon and E. W. ALLEN of Washington, D. C.; for one year, T. P. COOPER of Kentucky, *chairman,* and H. G. KNIGHT of West Virginia.

Committee on Extension Organization and Policy: For three years, J. R. HUTCHESON of Virginia and P. V. MARIS of Oregon; for two years, F. W. PECK of Minnesota and J. PHIL CAMPBELL of Georgia; for one year, H. J. BAKER of New Jersey, *chairman,* and W. H. BROKAW of Nebraska.

Committee on Military Organization and Policy: For three years, A. M. SOULE of Georgia and T. O. WALTON of Texas; for two years, SAMUEL AVERY of Nebraska and A. G. CRANE of Wyoming; for one year, J. M. THOMAS of New Jersey, *chairman,* and H. L. KENT of New Mexico.

Committee on Engineering Experiment Stations: For three years, E. A. HITCHCOCK of Ohio; for two years, C. R. JONES of West Virginia; for one year, G. W. BISSELL of Michigan, *chairman,* and, *ex officio,* the SECRETARY of the Section of Engineering.

JOINT COMMITTEES OF THE ASSOCIATION AND THE UNITED STATES DEPARTMENT OF AGRICULTURE

Committee on Projects and Correlation of Research: F. B. MUMFORD of Missouri, *chairman,* B. L. HARTWELL of Rhode Island, and H. G. KNIGHT of West Virginia; with E. W. ALLEN, W. A. TAYLOR, and T. P. COOPER of the United States Department of Agriculture.

Committee on Publication of Research: H. W. MUMFORD of Illinois, S. B. HASKELL of Massachusetts, and R. W. THATCHER of New York, *chairman;* with E. W. ALLEN, C. L. MARLATT, and C. L. SHEAR, of the United States Department of Agriculture.

KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architecture.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry.
Biol., Biology, Biologist, Biological.
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Comp., Comparative.
Comn., Commission.
Comr., Commissioner.
Consult., Consulting.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Econ., Economy, Economic, Economics, Economist.
Ed., Education.
Ele., Elementary.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Erad., Eradication.
Expt., Experiment, Experimentalist, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening.
Gen., General.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inpection, Inspector.
Instr., Instructor.
Insts., Institutes.
Invest., Investigations, Investigational.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization.
Ornith., Ornithology, Ornithologist.
Parasitol., Parasitology, Parasitologist.
Path., Pathology, Pathologist.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Roms.
Sci., Science, Scientific.
Sec., Section.
Secy., Secretary.
Secon., Secondary.
Sociol., Sociology.
Sta., Station.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technology, Technologist, Technical.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist.

STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

ALABAMA

College of Agriculture and the Agricultural Experiment Station of the Alabama Polytechnic Institute, *Auburn*

*College faculty. †Station staff. ‡Extension staff

*Spright Dowell, M. A., LL. D., *President*
*†M. J. Funchess, M. S., *Dean Coll. of Agr., Dir. of Sta.*
‡L. N. Duncan, M. S., *Dir. of Ext. Service*
*†C. A. Cary, B. S., D. V. M., *Dean Coll. of Vet. Med.*

Agronomy:
Dean Funchess *in charge.*
†W. H. Appleton, M. S., *Asst. in Agron.*
‡F. E. Boyd, M. S., *Ext. Agron.*
*†F. W. Parker, Ph. D., *Assoc. Prof Agron.; Soils Chem.*
†W. W. Pate, B. S., *Asst. in Agron.*
†W. H. Pierre, Ph. D., *Assoc. Soils Chem.*
*D. G. Sturkie, M. S., *Asst. Prof. Agron.*
*J. W. Tidmore, M. S., *Asst. Prof. Agron.*
†H. B. Tisdale, M. S., *Assoc. in Plant Brdg.*
†J. T. Williamson, B. S., *Supt. of Coop. Expts.*

Animal Industry:
*†J. C. Grimes, M. S., *Head Prof.*
‡F. W. Burns, M. S., *Livestock Specialist.*
‡W. H. Eaton, B. S., *Livestock Specialist.*
‡H. A. Gardner, M. S., *Poultry Specialist*
*†‡J. E. Ivey, M. S., *Prof. Poultry Husb.; Poultryman.*
‡M. V. Lowder, *Supt. Egg-Laying Contest.*
†W. D. Salmon, M. S., *Asst. in An. Indus. Research.*
*W. E. Sewell, M. A., *Asst. Prof. An. Husb.*
‡G. A. Trollope, B. S., *Poultry Specialist.*

Botany:
*†W. A. Gardner, Ph. D., *Head Prof. Bot., Plant Physiol.; Bot.*
*†W. L. Blain, M. A., *Assoc. Prof. and Assoc. Plant Path.*
‡L. E. Miles, Ph. D., *Ext. Plant Path.*
*†Martin Palmer, B. S., *Instr. and Asst. in Bot.*

Chemistry:
*B. B. Ross, M. S., LL. D., *Head Prof. Gen. and Agr. Chem.*
*†E. R. Miller, Ph. D., *Prof. and Research Chem.*
*C. A. Basore, M. S., *Asst. Prof. Chem.*
*C. L. Hare, M. S., *Prof. Phys. and Physiol. Chem.*
*H. D. Jones, B. S., *Asst. Prof. Org. Chem.*
*H. M. Martin, M. S., *Asst. Prof. Chem.*
*P. P. Powell, M. S., *Assoc. Prof. Chem.*

Economics—*See* **Rural Organization.**

Editorial:
††P. O. Davis, B. S., *Editor.*
‡E. H. Green, *Asst. in charge Photog and Illus. Material.*
‡W. A. Young, B. S., *Asst. Editor.*

Education (Agr.):
*G. T. Sargent, B. S., *Prof. and Supvr. Agr. Ed.*
*S. L. Chesnutt, M. A., *Prof. Agr. Ed.*

Engineering (Agr.):
*†M. L. Nichols, M. S., *Head Prof.*
‡M. A. Barnes, B. S., *Agr. Engin. Specialist.*
*Arvey Carnes, B. S., *Asst. Prof. Agr. Engin.*
†E. C. Easter, M. S., *Assoc. Agr. Engin.*
‡L. C. LeBron, B. S., *Agr. Engin. Specialist.*
†C. D. Miller, Ph. D., *Assoc. Agr. Engin.*
*†J. W. Randolph, M. S., *Asst. Prof. and Asst. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Director Duncan *in charge.*
‡Agnes E. Harris, B. S., *State Home Dem. Agt.*
‡May I. Cureton, *Asst. State Home Dem. Agt.*
‡Elizabeth Forney, *Asst. State Home Dem. Agt.*
‡Helen Johnston, A. M., *Asst. State Home Dem. Agt.*
‡Elizabeth M. Mauldin, A. B., *Asst. State Home Dem. Agt.*

Home Economics:
*‡Agnes E. Harris, B. S., *Head of Dept.*
†Georgia W. Burton, Ph. D., *Research in Home Econ.*
‡Josephine Eddy, B. S., *Clothing Specialist.*
*Dana K. Gatchell, B. S., *Asst. Prof. Home Econ.*
‡Pearl Jones, B. S., *Food Preservation Specialist.*
‡Certie Reynolds, Ph. D., *Nutr. Specialist.*
*Henrietta M. Thompson, M. A., *Asst. Prof. Home Econ.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

NOTE—In the preparation of this publication Miss Agnew was assisted by Miss Betty T. Richardson, of the Office of Experiment Stations.

Only the names of persons directly engaged in teaching, research, or demonstration in agriculture and home economics are included in the compilation. An asterisk (*) indicates a college officer, a dagger (†) a station officer, and a double dagger (‡) an extension worker. When the title of the position in the station differs from that in the college the latter is given first, except in the case of the director of the station.

A key to the abbreviations used is given on page III.

Horticulture:

*†C. L. Isbell, M. S., *Actg. Head of Dept.*
‡Otto Brown, M. S., *For. Specialist.*
‡S. H. Gibbons, B. S., *Hort. Specialist.*
†W. D. Kimbrough, Ph. D., *Asst. Hort.*
†R. W. Taylor, B. S., *Asst. in Hort.*
*L. M. Ware, M. S., *Asst. Prof. Hort.*

Rural Organization and Farm Management:

*†J. F. Duggar, M. S., *Research Prof. Farm Mgt.; Agr. Econ.*
‡B. M. Anderson, *Junior Statistician.*
‡K. G. Baker, B. S., *Marketing Specialist.*
‡F. W. Gist, *Agr. Statistician.*
‡J. D. Pope, M. S., *Agr. Econ. and Farm Mgt. Specialist.*

Veterinary Medicine:

*†C. A. Cary, B. S., D. V. M., *Dean Coll. of Vet. Med.; Vet. (State Vet.). Dir. Farmers' Insts.*
*N. G. Covington, D. V. M., M. D. C., *Asst. Prof. Physiol. and Vet. Diagnosis.*

Veterinary Medicine—Continued.

*I. S. McAdory, B. S., D. V. M., *Prof. Vet. Med.*
*F. D. Patterson, jr., D. V. M., *Asst. Prof. Vet. Med.*
*R. S. Sugg, B. S., D. V. M., *Asst. Prof. Bact. and Path.*
*E. S. Winters, B. S., D. V. M., *Lect. on Anti-Hog Cholera Serum.*

Zoology and Entomology:

*†J. M. Robinson, M. A., *Actg. Head of Dept.*
*†F. E. Guyton, M. S., *Asst. Prof. Zool. and Ent.; Asst. Ent.*
*†H. G. Good, M. S., *Asst. Prof. Zool. and Ent.; Asst. Ent.*
‡W. A. Ruffin, M. S., *Ext. Ent.*

Miscellaneous:

*‡M. A. Glenn, *Treas.*
*†Mary E. Martin, *Libr.*
*‡S. J. T. Price, *Acct.*

Canebrake Agricultural Experiment Station, *Uniontown*

†W. A. Cammack, B. S., *Director*

Agricultural and Mechanical Institute for Negroes, *Normal*

*Agricultural faculty. ‡Extension staff

*T. R. Parker, A. M., *President*

*Mrs. D. W. Adair, *Supvr. Home Econ.*
*Mrs. J. L. Bray, *Laundering.*
*Cleveland Buchanan, *Voc. Agr.*
‡W. T. Gravitt, *Agr. Dem. Agt.*
*Mrs. Lizzie Hurt, *Housewifery.*
*Mrs. Maggie W. Jones, *Home Econ.*
*W. W. Lawson, B.S., *Agr. Chem. and Biol.*
*Mrs. E. P. Selby, *Home Econ.*
‡Miss M. L. Snipes, *Home Econ. Ext.*

Agricultural School and Agricultural Experiment Station of the Tuskegee Normal and Industrial Institute, *Tuskegee Institute*

*College faculty. †Station staff. ‡Extension staff

*R. R. Moton, LL. D., *Principal*
*B. F. Hubert, M. S., *Dir. of Agr. Dept.*
†G. W. Carver, M. S., *Dir. of Sta. and Consult. Chem.*
‡C. J. Calloway, B. A., *Dir. of Ext. Dept.*

*Evelena Allain, *Dressmaking.*
*R. C. Atkins, B. S., *Agr. Ed.*
*H. B. Benson, *Swine Herd.*
*J. H. Bias, D. V. M., *Vet. Sci.*
‡T. M. Campbell, *Supt. U. S. Farm Dem.*
*Octavia Clark, *Plain Sewing.*
*Juanita Collins, *Foods.*
*T. N. Cowen, *Farm Mgt.*
*Annie P. Crews, *Dom. Sci.*
‡E. C. Dobbs, *State Agt.*
*†K. W. G. Donma, *An. and Plant Brdg.*
*Vivian Dudley, *Ladies' Tailoring.*
*A. D. Edwards, *Farm Shop Work.*
*Arthur Floyd, B. S., *Teacher Training in Agr.*
*Mattie V. Frazier, *Foods.*
‡G. W. Goodwin, *U. S. Farm Dem.*
*E. A. Grant, L. I., *Dairy Herd and Creamery.*
‡Luella C. Hanna, *Movable Schools for Women.*
*W. W. Hayes, *Market Gard.*
*Iva G. Hill, *Farm Accts.*
‡Nicholas Kollock, *Movable Schools for Men.*
‡Rosa B. Jones, *State Home Dem. Agt.*
‡C. M. Kynette, *State Club Agt.*
*C. A. Lancaster, *Poultry Husb.*
*Sarah P. Martin, *Asst. Dir. Women's Industries.*
*Caroline C. Owens, *Home Planning and Furnishing.*
*Ophelia Pearson, *Teacher Training in Home Econ.*
‡Eunice V. Rivers, *Rural Health Nurse.*
*Kunita Rogers, B. S., *Foods.*
*Ernestine Suarez, *Libr.*
*B. C. Turner, B. S., *Agron., Dairying, Farm Mgt.*
*Susie M. Waggener, *Dom. Sci.*
*†L. J. Watkins, *Forest, Grounds, and Surveys.*
*†J. E. Whitfield, *Prof. Gen. Agr. and Hort.; Asst. Dir. Agr. Dept.*
*D. A. Williston, B.S., *Dir. Landsc. Gard. Dept*
*V. M. Winters, B. S., *Agr. Chem.*
*†Matthew Woods, *An. Husb.*

ALASKA

Alaska Agricultural College and School of Mines (Divisions of Agriculture and Home Economics), *Fairbanks*

*Agricultural faculty

*C. E. Bunnell, A. M., LL. D., *President*

*G. R. Hood, M. S., *Prof. Chem.*
*Lydia O. Jacobson, M. S., *Prof. Home Econ.*
*C. H. Morgan, M. S., *Prof. Agr.*
*Martha A. Park, A. B., *Instr. Home Econ.*

Agricultural Experiment Stations, *Sitka, Kodiak, Rampart, Fairbanks,* and *Matanuska*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†C. C. Georgeson, Sc. D., *Director, Sitka*

†E. M. Floyd, *Asst. in charge, Kodiak.*
†G. W. Gasser, B. S., *Agron. in charge, Fairbanks.*
†M. D. Snodgrass, B. S., *Agron. in charge, Matanuska.*
†W. T. White, B. S., *An. Husb. in charge, Kodiak.*
†J. C. Wingfield, B. S., *Asst. Hort., Matanuska.*

ARIZONA

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Arizona, *Tucson*

*College faculty. †Station staff. ‡Extension staff

*C. H. Marvin, Ph. D., LL. D., *President of University*
*†J. J. Thornber, A. M., *Dean Coll. of Agr., Dir. of Sta.*
‡P. H. Ross, B. S., *Dir. of Agr. Ext. Service*

Agronomy:
*†R. S. Hawkins, M. S., *Assoc. Prof. and Agron.*
*†W. E. Bryan, M. S., *Prof. Plant Brdg.; Plant Breeder.*
*†I. A. Briggs, M. S., *Instr. and Asst. Agron.*
*†S. P. Clark, B. S., *Asst. Prof. and Asst. Agron.*
*†E. H. Pressley, M. S., *Asst. Prof. Plant Brdg.; Asst. Plant Breeder.*
‡B. J. Showers, B. S., *Ext. Agron.*

Animal Industry:
*†W. S. Cunningham, B. S., *Prof. Dairy Husb.; Dairy Husb.*
*†Harry Embleton, B. S., *Assoc. Prof. and Poultry Husb.*
*†E. B. Stanley, M. S., *Assoc. Prof. and An. Husb.*
‡Lorraine C. Boggs, B. S., *Ext. Poultry Husb.*
*††R. N. Davis, B. S., *Asst. Prof. and Asst. Dairy Husb.*
‡C. U. Pickrell, B. S., *Ext. An. Husb. (P. O., Phoenix).*
*†E. L. Scott, M. S., *Instr. and Asst. An. Husb.*

Biology:
*D. B. Young, Ph. D., *Head of Dept.*
*†C. T. Vorhies, Ph. D., *Prof. Ent.; Ent.*
*†J. G. Brown, Ph. D., *Prof. Plant Path.; Plant Path.*
*G. T. Caldwell, M. S., *Assoc. Prof. Biol.*
‡D. A. Gilchrist, B. S., *Rodent Control Specialist (Coop. U. S. D. A.: P. O., Phoenix).*
*A. F. Hemenway, Ph. D., *Assoc. Prof. Biol.*
†A. A. Nichol, B. S., *Asst. Ent.*
*O. L. Raber, Ph. D., *Asst. Prof. Biol.*
*†R. B. Streets, Ph. D., *Asst. Prof. and Asst. Plant Path.*

Chemistry:
*†P. S. Burgess, Ph. D., *Prof. Agr. Chem.; Agr. Chem.*
*T. F. Buehrer, Ph. D., *Assoc. Prof. Chem.*
*H. W. Estill, M. S., *Asst. Prof. Chem.*
*†W. T. McGeorge, M. S., *Assoc. Prof. and Assoc. Agr. Chem.*
†G. G. Pohlman, M. S., *Field Asst. in Agr. Chem.*
*L. E. Roberts, Ph. D., *Assoc. Prof. Chem.*
*Lila Sands, Ph. D., *Asst. Prof. Chem.*
*†H. V. Smith, M. S., *Instr. and Asst. Agr. Chem.*

Education (Agr.):
*R. S. Roberts, Ph. D., *Prof. Ed.*

Engineering (Agr.):
*†G. E. P. Smith, C. E., *Prof. Irrig. Engin.; Irrig. Engin.*
*†S. W. Armstrong, B. S., *Instr. and Asst. Irrig. Engin.*
*†H. C. Schwalen, M. S., *Asst. Prof. and Asst. Irrig. Engin.*

Extension (Admin.):[1]
Director Ross *in charge.*
‡A. B. Ballantyne, B. S., *Asst. Dir. (County Agt. Work).*
‡Stella Mather, M. S., *State Home Dem. Agt.*

Home Economics:
*Nina B. Crigler, M. A., *Prof. Home Econ.*
*Isabel Bevier, Ph. D., *Lect. in Home Econ.*
*†Margaret L. Cammack, Ph. D., *Assoc. Prof. and Research Specialist in Home Econ.*
*Olive Gallatin, B. S., *Instr. Home Econ.*
*Bertha F. Lent, M. A., *Asst. Prof. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*
*Eve E. Turnbull, M. A., *Asst. Prof. Home Econ.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Horticulture:
*†A. F. Kinnison, B. S., *Actg. Head of Dept. Assoc. Prof. Hort.; Citriculturist.*
*†D. W. Albert, B. S., *Asst. Prof. and Asst. Hort.*
*†M. F. Wharton, M. S., *Instr. and Asst. Hort.*

Miscellanous:
*Estelle Lutrell, A. M., *Libr.*
——— ———, *Editor.*

Substations:
Prescott Dry-Farm, *P. O., Prescott*—C. W. Clark, B. S., *Foreman.*
Salt River Valley Farm, *P. O., Mesa*—C. J. Wood, *Foreman.*
Tempe Date-Palm Orchard, *P. O., Tempe*—T. L. Stapley, *Foreman.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—J. G. Hamilton, B. S., *Foreman.*

ARKANSAS

College of Agriculture and the Agricultural Experiment Station of the University of Arkansas, *Fayetteville*

*College faculty. †Station staff. ‡Extension staff

*J. C. Futrall, M. A., LL. D., *President of University*
*††Dan T. Gray, A. B., M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. Agr. Ext. Service*

Agronomy:
*†Martin Nelson, M. S., *Head of Dept.*
‡D. J. Burleson, M. S., *Agron. Specialist.*
*†C. K. McClelland, M. S., *Asst. Prof. and Asst. Agron.*
*†J. H. Moore, M. S., *Asst. Prof. and Asst. Agron.*

Animal Husbandry and Dairying:
*†H. E. Dvorachek, B. S., *Head of Dept.*
*†M. A. Alexander, M. S., *Instr. and Asst. An. Husb. (Beef Cattle and Sheep).*
*†Edgar Martin, M. S., *Asst. Prof. and Asst. An. Husb. (Beef Cattle and Horses).*
‡M. W. Muldrow, B. S., *Livestock Specialist (P. O., Little Rock).*
*†S. R. Stout, B. S., *Asst. Prof. and Asst. An. Husb. (Poultry).*
*†C. C. Walts, M. S., *Asst. Prof. and Asst. An. Husb. (Dairying).*
*†W. C. Wilbanks, B. S., *Instr. and Asst. in Dairying.*
‡W. H. Woodley, B. A., *Dairying Specialist.*

Bacteriology:
*†W. L. Bleecker, D. V. M., *Head of Dept.*

Chemistry:
*†J. W. Read, M. S., *Head Dept. of Agr. Chem.*
*†Barnett Sure, Ph. D., *Assoc. Prof. and Asst. Agr. Chem.*

Economics and Sociology (Rural):
Director Gray, *Head of Dept.*
*C. O. Brannen, A. M., *Prof. Rural Econ. and Sociol.*
*J. A. Dickey, Ph.D., *Assoc. Prof. Rural Econ. and Sociol.*
*‡A. D. McNair, *Prof. and Specialist in Farm Mgt. (Coop. U. S. D. A.).*

Editorial:
‡G. M. Oehm, A. B., B. J., *Ext. Editor.*
*††J. P. Bell, *Asst. Editor.*

Education (Agr.):
*E. B. Matthew, M. S., *Head of Dept.*
*K. L. Holloway, M. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):
*†D. G. Carter, B. S. A. E., *Head of Dept.*
*H. T. Barr, B. S. A. E., *Instr. Agr. Engin.*

Entomology:
*†W. J. Baerg, Ph. D., *Head of Dept.*
*†Dwight Isely, M. A., *Assoc. Prof. and Assoc. Ent.*

Extension (Admin.):[1]
Director Gray *in charge.*
‡T. R. Reid, B. S., *Asst. Dir. (P. O., Little Rock).*
‡Connie J. Bonslagel, A. B., *State Home Dem. Agt. (P. O., Little Rock).*
‡W. J. Jernigan, B. A., *State Boys' and Girls' Club Leader (P. O., Little Rock).*

Home Economics:
*†Helen C. Goodspeed, M. A., *Head of Dept., Prof. Home Econ. Ed.*
‡Gertrude E. Conant, B. A., *Foods and Nutr. Specialist (P. O., Little Rock).*
*Emma Johnson, B. S., *Asst. Prof. Home Econ.*
*Madge E. Johnson, B. S., *Asst. Prof. Home Econ.*
‡Ruby Mendenhall, B. S., *Food Preservation Specialist (P. O., Little Rock).*
*Florence V. Richie, B. S., *Instr. Home Econ.*

Horticulture:
*†J. R. Cooper, M. S., *Head of Dept.*
*†W. E. Loomis, Ph. D., *Assoc. Prof. and Asst. Hort.*
*†C. B. Wiggans, M. S., *Instr. and Asst. Hort.*
‡Claude Woolsey, M. S., *Ext. Hort.*

Plant Pathology:
*†V. H. Young, Ph. D., *Head of Dept.*
*†H. R. Rosen, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*

Veterinary Science:
*†J. H. Bux, D. V. M., *Head of Dept. (State Vet.: P. O., Little Rock).*
*†S. J. Schilling, B. S., D. V. M., *Assoc. Prof. and Asst. Vet.*

Miscellaneous:
*†Margaret Galloway, *Libr.*

Substations:
Cotton Expt. Sta., *P. O., Marianna*—E. B. Whitaker, B. S., *in charge.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

State Agricultural, Mechanical, and Normal School, *Pine Bluff*

*Agricultural faculty

*R. E. Malone, *Superintendent*
*W. L. Webb, *Dir. Agr. Dept.*

*Ada B. Anderson, *Asst. in Home Econ.*
*Eulah L. McGehee, *Dir. Home Econ. Dept.*
*W. A. Marks, *Instr. Phys. and Chem.*
*E. D. Whedbee, jr., *Instr. Biol.*
*C. S. Woodard, *Dir. Smith-Hughes Agr.*

CALIFORNIA

College of Agriculture and the Agricultural Experiment Station of the University of California, *Berkeley*

*College faculty. †Station staff. ‡Extension staff

*W. W. Campbell, Sc. D., LL. D., *President of University*
*†E. D. Merrill, M. S., *Dean Coll. of Agr., Dir. of Sta.*
‡B. H. Crocheron, M. S., *Dir. Agr. Ext. Service*
*†H. J. Webber, Ph. D., D. Agr., *Dean School of Trop. Agr., Dir. Citrus Expt. Sta.*
*†W. L. Howard, Ph. D., *Dir. Branch of Coll. of Agr.*

Agriculture:

*T. F. Hunt, D. Agr., D. Sc., *Prof. Agr.*
*†H. McL. Evans, B. S., M. D., *Research Assoc. in Agr.*
†Harold Goss, B. S., *Junior Chem.*

Agronomy:

*†J. W. Gilmore, M. S., *Prof. Agron. (P. O., Davis).*
*†D. R. Hoagland, M. S., *Head Div. of Plant Nutr.; Chem.*
*†C. F. Shaw, B. S., *Head Div. of Soil Tech.*
*J. S. Burd, B. S., *Prof. Plant Nutr.*
*†J. P. Conrad, B. S., *Research Asst. in Agron.*
†S. W. Cosby, M. S., *Research Asst. in Soil Tech.*
*A. R. Davis, Ph. D., *Asst. Prof. Plant Physiol.*
†J. A. Denny, *Foreman in Cereal Work.*
†W. H. Dore, B. S., *Assoc. Chem.*
†W. F. Gericke, Ph. D., *Assoc. Plant Physiol.*
*†G. W. Hendry, B. S., *Asst. Prof. and Assoc. Agron.*
†P. L. Hibbard, B. S., *Assoc. Chem.*
*N. E. A. Hinds, Ph. D., *Asst. Prof. Geol. (P. O., Davis).*
*†P. B. Kennedy, Ph. D., *Prof. Agron.; Agrostologist.*
*C. B. Lipman, Ph. D., *Prof. Plant Physiol.*
*†W. W. Mackie, M. S., *Asst. Prof. and Assoc. Agron.*
*†B. A. Madson, B. S., *Asst. Prof. and Assoc. Agron.*
†J. C. Martin, B. S., *Asst. Chem.*
*†Alfred Smith, Ph. D., *Asst. Prof. and Assoc. Soil Tech. (P. O., Davis).*
†R. E. Storie, B. S., *Junior Soil Tech. (P. O., Davis).*
*†T. F. Tavernetti, B. S., *Asst. Prof. Farm Pract., Asst. to Dean; Asst. to Dir., Branch Coll. of Agr. (P. O., Davis).*
†W. W. Weir, *Asst. Drainage Engin.*
†E. V. Winterer, M. S., *Junior Soil Tech.*

Animal Industry:

*†G. H. True, B. S., *Head of Div. (P. O., Davis).*
†H. R. Guilbert, M. S., *Junior An. Husb. (P. O., Davis).*
*†C. E. Howell, M. S., *Asst. Prof. and Asst. An. Husb. (P. O., Davis).*

Animal Industry—Continued.

*†E. H. Hughes, M. S., *Assoc. Prof. and Assoc. An. Husb. (P. O., Davis).*
*†S. W. Mead, M. S., *Asst. Prof. and Asst. An. Husb. (P. O., Davis).*
*†R. F. Miller, M. S., *Assoc. Prof. and Assoc. An. Husb. (P. O., Davis).*
*†W. M. Regan, A. M., *Assoc. Prof. and Assoc. An. Husb. (P. O., Davis).*
*E. C. Voorhies, B. S., *Asst. Prof. An. Husb.*
*†J. F. Wilson, M. A., *Asst. Prof. and Asst. An. Husb. (P. O., Davis).*

Botany:

*†W. A. Setchell, Ph. D., *Prof. Bot.*
*†H. S. Reed, Ph. D., *Prof. Plant Physiol.; Plant Physiol. (P. O., Riverside).*
*†H. A. Borthwick, A. B., *Research Asst. in Bot. (P. O., Davis).*
†R. E. Girton, B. S., *Research Asst. in Plant Physiol. (P. O., Riverside).*
†A. R. C. Haas, Ph. D., *Asst. Plant Path. (P. O., Riverside).*
†F. F. Halma, Ph. D., *Junior Plant Path. (P. O., Riverside).*
*R. M. Holman, Ph. D., *Asst. Prof. Bot.*
*†W. W. Robbins, Ph. D., *Assoc. Prof. Bot.; Bot. (P. O., Davis).*

Chemistry:

*†W. P. Kelley, Ph. D., *Prof. Agr. Chem.; Agr. Chem. (P. O., Riverside).*
*†C. S. Bisson, Ph. D., *Prof. Chem.; Chem. (P. O., Davis).*
†S. M. Brown, *Junior Chem. (P. O., Riverside).*
*J. G. Sewell, B. S., *Assoc. in Chem. (P. O., Davis).*
†E. E. Thomas, B. S., *Asst. Chem. (P. O., Riverside).*
†A. P. Vanselow, Ph. D., *Junior Chem. (P. O., Riverside).*

Dairy Industry:

*†C. L. Roadhouse, D. V. M., *Head of Div. (P. O., Davis).*
†F. H. Abbot, B. S., *Assoc. in Dairy Indus. (P. O., Davis).*
†A. H. Folger, B. S., *in charge Advanced Registry Work (P. O., Davis).*

Dairy Industry—Continued.

‡G. E. Gordon, B. S., *Dairy Specialist.*

*†C. S. Mudge, Ph. D., *Assoc. Prof. Dairy Indus.; Assoc. Bact.* (*P. O., Davis*).

*†D. H. Nelson, M. S., *Assoc. in Dairy Indus.; Junior Dairy Tech.* (*P. O., Davis*).

†C. A. Phillips, B. A., *Junior Dairy Tech.* (*P. O., Davis*).

*†G. D. Turnbow, M. S., *Asst. Prof. Dairy Indus.; Dairy Tech.* (*P. O., Davis*).

†F. R. Wilson, B. S., *Junior Dairy Tech.* (*P. O., Davis*).

Economics (Rural):

*†Elwood Mead,[1] D. E., LL. D., *Head Div. of Rural Institutions.*

*†R. L. Adams, M. S., *Head Div. of Farm Mgt.; Agr. Econ. Actg. Head Div. of Agron.*

*W. R. Camp.,[1] Ph. D., *Assoc. Prof. Rural Institutions.*

*†H. E. Erdman, Ph. D., *Prof. Rural Institutions.; Agr. Econ.*

‡L. W. Fluharty, B. S., *Farm Mgt. Specialist.*

†Emil Rauchenstein, M. S., *Assoc. in Rural Institutions.*

†S. W. Shear, Ph. D., *Assoc. in Rural Institutions.*

†E. C. Voorhies, B. S., *Assoc. Agr. Econ.*

*†David Weeks, C. E., *Assoc. in Rural Institutions.*

‡H. R. Wellman, B. S., *Agr. Econ. Specialist.*

†C. H. West, M. S., *Asst. Agr. Econ.*

Education (Agr.):

*F. L. Griffin, M. S., *Head of Div.*

*H. M. Skidmore, A. M., *Supt. Agr. Teacher Training.*

*W. E. Berg, B. S., *Assoc. in Agr. Ed.*

*H. M. Butterfield, M. S., *Supvr. Agr. Corresp. Courses.*

*O. J. Kern, *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

*†L. J. Fletcher, B. S., *Head of Div.* (*P. O., Davis*).

*†Frank Adams, A. M., *Head Irrig. Invest. and Pract.; Irrig. Econ.*

*†S. H. Beckett, B. S., *Assoc. Prof. Irrig. Invest. and Pract.; Assoc. Irrig. Engin.* (*P. O., Davis*).

*†H. L. Belton, *Farm Building Technician* (*P. O., Davis*).

‡J. B. Brown, B. S., *Irrig. Specialist* (*P. O., Davis*).

†Frank Davis, B. S., *Junior Irrig. Engin.* (*P. O., Davis*).

†C. F. Dunshee, B. S., *Asst. Crop Irrig.* (*P. O., Davis*).

‡J. P. Fairbanks, B. S., *Agr. Engin. Specialist.*

†A. W. Farrall, M. S., *Junior Agr. Engin.* (*P. O., Davis*).

*†Samuel Fortier, M. E., Sc. D., *Consult. Prof. Irrig. Invest. and Pract.*

†A. H. Hoffman, E. E., *Assoc. Agr. Engin.* (*P. O., Davis*).

†M. R. Huberty, B. S., *Junior Irrig. Engin.* (*P. O., Davis*).

†C. N. Johnston, B. S., *Junior Irrig. Engin.* (*P. O., Davis*).

Engineering—Continued.

†J. W. Jones, M. S., *Assoc. in Irrig. Invest. and Pract.*

*†James Koeber, B. S., *Instr. and Junior Agr. Engin.* (*P. O., Davis*).

†J. D. Long, B. S., *Junior Agr. Engin.* (*P. O., Davis*).

†E. G. McKibben, B. S., *Junior Agr. Engin.* (*P. O., Davis*).

*†B. D. Moses, B. S., *Asst. Prof. and Assoc. Agr Engin.* (*P. O., Davis*).

*†E. J. Stirniman, M. S., *Asst. Prof. and Asst. Agr. Engin.* (*P. O., Davis*).

†C. M. Titus, M. A., *Assoc. Statistician* (*P. O., Davis*).

*†F. J. Veihmeyer, C. E., *Asst. Prof. Irrig. Invest. and Pract.; Assoc. Irrig. Engin.* (*P. O., Davis*).

*†H. A. Wadsworth, B. S., *Asst. Prof. Irrig. Invest. and Pract.; Asst. Irrig. Engin.* (*P. O., Davis*).

†J. S. Winter, B. S., *Assoc. in Irrig. Engin.* (*P. O., Davis*).

†R. Wray, *Asst. in Irrig. Invest.* (*P. O., Davis*).

Entomology:

*†W. B. Herms, M. A., *Head of Div. Prof. Parasitol.; Ent.*

†A. J. Basinger, M. S., *Asst. Ent.* (*P. O., Riverside*).

†J. C. Chamberlin, M. A., *Asst. Ent.* (*P. O., Riverside*).

†Harold Compere, *Asst. Ent.* (*P. O., Riverside*).

†E. R. de Ong, M. S., *Asst. Ent.*

*†E. O. Essig, M. S., *Assoc. Prof. and Assoc. Ent.*

*†S. B. Freeborn, Ph. D., *Assoc. Prof. and Assoc Ent.* (*P. O., Davis*).

*†H. J. Quayle, M. S., *Prof. Ent.; Ent.* (*P. O., Riverside*).

†E. W. Rust, A. B., *Asst. Ent.* (*P. O., Riverside*).

*†H. H. P. Severin, Ph. D., *Instr. and Asst. Ent.*

†Filippo Silvestri, D. Sc., *Ent. Explorer* (*P. O., Hongkong, China*).

*†H. S. Smith, M. A., *Assoc. Prof. Ent.; Ent.* (*P. O., Riverside*).

*†T. I. Storer, Ph. D., *Asst. Prof. and Asst. Zool.* (*P. O., Davis*).

*†P. H. Timberlake, B. A., *Asst. Prof. and Assoc. Ent.* (*P. O., Riverside*).

*E. C. Van Dyke, B. S., M. D., *Assoc. Prof. Ent.*

*†G. H. Vansell, A. M., *Assoc. in Ent.; Junior Apiculturist* (*P. O., Davis*).

*C. W. Woodworth, M. S., *Prof. Ent.*

Extension (Admin.):[2]

Director Crocheron *in charge.*

‡Harriet G. Eddy, A. B., *State Home Dem. Leader.*

‡Lillian D. Clark, *Asst. State Home Dem. Leader.*

‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*

‡W. R. Ralston, B. S., *Asst. State Club Leader*

‡C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*

[1] On leave.

[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Extension—Continued.

‡May Secrest, B. S., *Asst. State Home Dem. Leader.*
‡L. B. Smith, B. S., *Asst. State Leader, Southern Counties.*
‡F. M. Spurrier, B. S., *Asst. State Club Leader, Northern Counties.*
‡J. E. Tippett, B. S., *Asst. County Agt. Leader.*
‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Coast Counties.*
‡W. T. Clarke, B. S., *Prof. Agr. Ext.*
‡Harold Ellis, *Information and Publicity.*
‡C. F. Elwood, B. S., *Asst. Prof. Agr. Ext.*
‡T. Fr. Hunt, B. S., *Assoc. Prof. Agr. Ext.*
‡W. J. Norton, Ph. C., *Visual Instruction.*

Forestry:

*†Walter Mulford, F. E., *Head of Div.*
*Emanuel Fritz, M. E., M. F., *Assoc. Prof. For.*
*Woodbridge Metcalf, M. S., *Assoc. Prof. For.*
*†H. E. Malmsten, B. S. F., *Asst. Prof. For.; Asst. Plant Ecologist.*
*†A. W. Sampson, Ph. D., *Assoc. Prof. For.; Plant Ecologist.*
*F. X. Schumacher, B. S., *Instr. For.*

Genetics:

*†E. B. Babcock, M. S., *Head of Div.*
*R. E. Clausen, Ph. D., *Assoc. Prof. Genetics.*
*J. L. Collins, Ph. D., *Asst. Prof. Genetics.*
†J. W. Lesley, M. A., *Asst. in Genetics (P. O., Riverside).*
*Mrs. Margaret M. Lesley, Ph. D., *Instr. Genetics (P. O., Riverside).*

Home Economics:

*Mrs. Agnes F. Morgan, Ph. D., *Chair. Dept. of Household Sci.*
*Mary F. Patterson, *Chair. Dept. of Household Art.*
‡Jessie L. Decker, *Home Furnishing Specialist.*
‡Ethelyn M. Dodson, B. S., *Clothing Specialist.*

Horticulture:

*†H. J. Webber, Ph. D., *Head Div. of Subtrop. Hort.*
*†F. T. Bioletti, M. S., *Head Div. of Vit. and Fruit Products.*
*†J. W. Gregg, B. S., *Head Div. of Landsc. Design.*
*†W. L. Howard, Ph. D., *Head Div. of Pomol. (P. O., Davis).*
*†H. A. Jones, Ph. D., *Head Div. of Truck Crops; Plant Breeder (P. O., Davis).*
*†L. D. Batchelor, Ph. D., *Prof. Orchard Mgt.; Hort. (P. O., Riverside).*
*†W. H. Chandler, Ph. D., *Prof. Pomol.; Pomol.*
†F. W. Allen, M. S., *Asst. Pomol.*
*†J. P. Bennett, Ph. D., *Asst. Prof. and Assoc. Pomol.*
*†L. O. Bonnet, I. A., *Assoc. in Vit. (P. O., Davis).*
†S. H. Cameron, M. S., *Research Asst. in Subtrop. Hort.*
*†A. W. Christie, M. S , *Asst. Prof. Fruit Prod.; Assoc. Chem.*
*†I. J. Condit, B. S., *Assoc. in Subtrop. Hort.*
*†W. V. Cruess, B. S., *Assoc. Prof. Fruit Prod.; Chem.*

Horticulture—Continued.

†L. H. Day, B. S., *Research Asst. in Hort. (P. O., Davis).*
†W. P. Duruz, M. S., *Asst. Pomol. (P. O., Davis).*
†H. B. Frost, Ph. D., *Asst. Plant Breeder (P. O., Riverside).*
†A. H. Hendrickson, M. S., *Assoc. Pomol. (P. O., Davis).*
†M. J. Heppner, M. S., *Research Asst. in Pomol. (P. O., Davis).*
*†R. W. Hodgson, M. S., *Assoc. Prof. Subtrop. Hort.; Assoc. Citriculturist.*
‡W. B. Hooper, B. S., *Specialist in Walnut Culture (P. O., Riverside).*
†J. H. Irish, B. S., *Junior Chem. in Hort.*
†H. E. Jacob, M. S., *Junior Vit. (P. O., Davis).*
*Katherine D. Jones, B. S., *Instr. Landsc. Design.*
*†E. L. Overholser, M. A., *Asst. Prof. and Assoc. Pomol.*
†E. R. Parker, M. S., *Research Asst. in Orchard Mgt. (P. O., Riverside).*
†G. L. Philp, M. S., *Asst. Pomol. (P. O., Davis).*
*†E. L. Proebsting, Ph. D., *Instr. and Junior Pomol. (P. O., Davis).*
*†J. T. Rosa, jr., Ph. D., *Asst. Prof. Truck Crops; Assoc. Plant Breeder (P. O., Davis).*
†Edna M. Russ, B. S., *Asst. in Pomol. (P. O., Davis).*
‡W. R. Schoonover, M. S., *Citriculture Specialist (P. O. Riverside).*
*H. W. Shepherd, B. S., *Asst. Prof. Landsc. Design.*
*†J. L. Stahl, B. S., *Assoc. in Pomol. (P. O., Davis).*
†J. G. Surr, *Field Asst. (P. O., Riverside).*
*†W. P. Tufts, M. S., *Asst. Prof. and Assoc. Pomol. (P. O., Davis).*
†A. J. Winkler, Ph. D., *Asst. Vit. (P. O., Davis).*

Nutrition:

*M. E. Jaffa, M. S., *Prof. Nutr., Emeritus.*
‡Hilda Faust, M. A., *Nutr. Specialist.*

Plant Pathology:

*†R. E. Smith, B. S., *Head of Div.*
*†J. T. Barrett, Ph. D., *Prof. Plant Path.; Plant Path. Assoc. Dir. Citrus Expt. Sta. (P. O., Riverside).*
*†H. S. Fawcett, Ph. D., *Prof. Plant Path.; Plant Path. (P. O., Riverside).*
†E. T. Bartholomew, Ph. D., *Assoc. Plant Path. (P. O., Riverside).*
†P. D. Caldis, M. S., *Junior Plant Path. (P. O., Davis).*
*†W. T. Horne, B. S., *Assoc. Prof. and Assoc. Plant Path.*
†L. J. Klotz, Ph. D., *Research Assoc. in Plan Path. (Coop. U. S. D. A.).*
†T. E. Rawlins, M. S., *Junior Plant Path.*
†B. A. Rudolph, M. S., *Research Assoc. in Plant Path. (P. O., San Jose).*
†C. O. Smith, M. S., *Junior Plant Path. (P. O., Riverside).*
Elizabeth H. Smith, M. S., *Asst. Plant Path.*

Poultry Industry:
*†W. A. Lippincott, Ph. D., *Head of Div.*
*†J. E. Dougherty, M. S., *Assoc. Prof. and Assoc. Poultry Husb.* (*P. O., Davis*).
‡R. B. Easson, B. S., *Poultry Specialist.*
*†W. F. Holst, D. L., *Instr. and Junior Poultry Husb.*
*†W. E. Lloyd, B. S., *Assoc. in Poultry Husb.* (*P. O., Davis*).
‡W. E. Newlon, B. S., *Poultry Specialist.*
†Sylvia L. Parker, A. B., *Junior Poultry Husb.*

Veterinary Science:
*†C. M. Haring, D. V. M., *Head of Div.*
†E. H. Barger, D. V. M., *Junior Vet.* (*P. O., Davis*).

Veterinary Science—Continued.
*†J. R. Beach, D. V. M., *Asst. Prof. Vet. Sci.; Assoc. Vet.*
*†W. H. Boynton, D. V. M., *Prof. Vet. Sci.; Vet.*
†D. E. Davis, D. V. M., *Junior Vet.*
†E. M. Dobbs, D. V. M., *Vet. in charge of Certified Dairies.*
*†G. H. Hart, D. V. M., M. D., *Prof. Vet. Sci; Vet.*
*†F. M. Hayes, D. V. M., *Assoc. Prof. Vet. Sci.; Vet.* (*P. O., Davis*).
*†Jacob Traum, D. V. M., *Assoc. Prof. Vet. Sci.; Assoc. Vet.*

COLORADO

The State Agricultural College of Colorado and the Agricultural Experiment Station, *Fort Collins*

*College faculty. †Station staff. ‡Extension staff

*C. A. Lory, M. S., LL. D., D. Sc., *President*
*S. A. Johnson, M. S., *Dean*
*†C. P. Gillette, D. Sc., *Dir. of Sta.*
*†L. D. Crain, M. M. E., *Vice Dir.*
‡Roud McCann, B. S., *Dir. Ext. Service*

Agronomy:
*†Alvin Kezer, M. A., *Prof. Agron. and Chair. Div. of Agr.; Agron.*
*C. H. Alford, B. S., *Asst. Prof. Agron.*
†G. W. Deming, B. S., *Asst. in Agron.*
*O. K. Hedden, B. S., *Asst. Prof. Farm Mech.*
‡Waldo Kidder, B. S., *Agron. Specialist.*
†Dwight Koonce, B. S., *Asst. in Agron.* (*P. O., Hesperus*).
*O. S. Rayner, B. S., *Assoc. Prof. Agron.*
†D. W. Robertson, M. S., *Assoc. Agron.* (*Cereal Brdg.*).
*J. W. Sjogren, B. S., *Assoc. Agron. in charge Farm Mech.*

Animal Industry:
*†G. E. Morton, M. L., B. S., *Head Dept. of An. Husb.* (*State Dairy Comr.*).
*†C. I. Bray, Ph. D., *Assoc. Prof. An. Husb.; Assoc. in An. Invest.*
‡B. W. Fairbanks, B. S., *An. Husb. Specialist.*
‡O. C. Krum, B. S., *Poultry Specialist.*
*L. P. McCann, M. S., *Assoc. Prof. An. Husb.*
†E. J. Maynard, M. S., *Assoc. in An. Husb.*
*†C. N. Shepardson, M. S., *Assoc. Prof. and in charge Dairy Mfrs.*
*†H. H. Smith, B. S., *Asst. Prof. and Asst. An. Husb.*
*†O. C. Ufford, B. S., *Asst. Prof. and Asst. Poultry Husb.*

Bacteriology:
†W. G. Sackett, Ph. D., *Bact.*
†Ida W. Ferguson, R. N., *Asst. in Bact.*

Botany:
*†L. W. Durrell, Ph. D., *Prof. Bot.; Bot. and Plant Path.*
*†C. D. Learn, M. A., *Asst. Prof. and Asst. Bot.*
†E. L. LeClerg, M. S., *Asst. Plant Path.*
*†Anna M. Lute, B. S., *Instr. Bot.; Seed Analyst.*
*†E. C. McCarty, B. S., *Asst. Prof. and Asst. Bot.*
*†Caroline M. Preston, *Artist.*

Chemistry:
†W. P. Headden, Ph. D., D. Sc., *Chem.*
*Mary E. Brown, B. S., *Instr. Chem.*
*R. G. Coffin, B. S., *Assoc. Prof. Chem.*
†Earl Douglass, M. S., *Assoc. Chem.*
*Beatrice J. Geiger, B. S., *Asst. Prof. Chem.*
*N. J. Harrar, B. S., *Instr. Chem.*
*K. G. Irwin, M. S., *Instr. Chem.*
*C. G. H. Johnson, A. M., *Instr. Chem.*
*W. E. Pyke, A. B., *Instr. Chem.*
†J. W. Tobiska, M. A., *Asst. Chem.*
†C. E. Vail, M. A., *Asst. Chem.*
*G. H. Whiteford, Ph. D., *Prof. Chem.*
*Elizabeth M. Wing, A. M., *Assoc. Prof. Chem.*

Economics (Rural):
*†L. A. Moorhouse, M. S., *Prof. Rural Econ. and Sociol.; Rural Econ.*
*†R. T. Burdick, M. S., *Assoc. Prof. Rurcl Econ. and Sociol.; Assoc. in Rural Econ.*
*B. F. Coen, M. A., *Assoc. Prof. Sociol.*
*C. C. Gentry, M. A., *Asst. Prof. Sociol.*
‡T. H. Summers, *Farm Mgt.*

Editorial:
*††G. C. Eddy, *Photog.*
*††I. G. Kinghorn, *Pub. Editor.*

Education (Rural and Voc.):
*C. G. Sargent, M. A., *Prof. Rural Ed., Dir. Voc. Ed.*
*Mary C. Blodgett, M. A., *Assoc. Prof. in charge Home Econ. Ed.*
*Margaret E. Durward, Ph. B., *Prin. School of Agr.*
*Lucile Logan, B. S., *Instr. Home Econ. Ed.*
*G. A. Schmidt, M. S., *Assoc. Prof. in charge Agr. Ed.*

Engineering (Agr.):
*†E. B. House, B. S. E. E., M. S., *Prof. Irrig. Engin.*
*†O. V. Adams, M. S. E., *Testing Engin.*
‡F. L. Cooper, B. S., *Agr. Engin. Specialist.*

Engineering—Continued.
†R. L. Parshall, B. S., *Irrig. Invest. (Detailed by U. S. D. A.).*
*O. P. Pennock, M. S., *Assoc. Prof. Irrig. Engin.*
†R. E. Trimble, B. S., *Asst. in Irrig. Invest.*

Entomology and Zoology:
Director Gillette *in charge.*
*S. A. Johnson, M. S., *Assoc. Prof. Ent. and Zool.*
†W. L. Burnett, *Deputy State Ent.*
*†J. L. Hoerner, B. S., *Instr. and Asst. Ent.*
*†C. R. Jones, M. S., *Assoc. Prof. Ent. and Zool.; Assoc. Ent.*
†G. S. Langford, M. S., *Asst. Deputy State Ent.*
*†G. M. List, M. S., *Assoc. Ent.; Chief Deputy State Ent.*
†J. H. Newton, B. S., *Asst. Ent. (Deputy State Ent.: P. O., Paonia).*
*†Miriam A. Palmer, M. A., *Asst. Prof. and Asst. Ent.*
†R. G. Richmond, B. S., *Deputy State Ent., Inspr. of Apiaries.*
†W. P. Yetter, jr., B. S., *Asst. Ent. (P. O., Grand Junction).*

Extension (Admin.):[1]
Director McCann *in charge.*
‡F. A. Anderson, *Asst. to Dir.*
‡Maude E. Sheridan, M. Pd., *State Leader, Club and Home Dem. Work.*

Forestry:
*†W. J. Morrill, M. F., *Prof. For.; For. (State For.).*
*R. W. Hayes, B. S., M. F., *Asst. Prof. For.*
‡C. A. Lee, *Farm For. Specialist.*
*†B. O. Longyear, B. S., M. F., *Asst. Prof For.; For. Invest.*

Home Economics:
*Inga M. K. Allison, E. B., *Head of Div.*
*Charlotte E. Carpenter, Ph. B., *Assoc. Prof. Home Econ.*
*Beryl Dixon, B. S., *Asst. Prof. Dom. Art.*

Home Economics.—Continued.
‡Mrs. Blanche E. Hyde, B. S., *Clothing Specialist.*
*Bertha R. Most, *Assoc. Prof. Home Econ.*
*Frances Starin, A. M., *Asst. Prof. Home Econ.*

Horticulture:
*†E. P. Sandsten, Ph. D., *Prof. Hort.; Hort. (State Hort.).*
†F. M. Green, B. S., *Asst. Hort. (Chief Deputy State Hort.: P. O., Delta).*
*†R. A. McGinty, A. M., *Assoc. Prof. and Assoc. Hort.*
*Edgar Tubby, *Florist.*

Physics:
*F. G. Person, A. M., *Head of Dept.*
*F. P. Goeder, M. S., *Assoc. Prof. Phys.*
*D. F. Richardson, B. S., *Asst. Prof. Phys.*

Veterinary Medicine:
*†G. H. Glover, M. S., D. V. M., *Head of Div.*
*R. F. Bourne, B. S., D. V. S., *Prof. Vet. Physiol.*
*†Floyd Cross, D. V. M., *Asst. Vet. Path.*
*James Farquharson, D. V. M., *Asst. Prof. Vet. Anat.*
*†W. H. Feldman, D. V. M., *Asst. Prof. and Asst. in Vet. Path.*
*H. E. Kingman, B. S., D. V. S., *Assoc. Prof. Vet. Surg.*
*†I. E. Newsom, B. S., D. V. S., *Prof. Vet. Path.; Vet. Path.*

Miscellaneous:
*Charlotte A. Baker, *Libr.*
*‡A. T. Steinel, *Rural Development Specialist.*

Substations:
Ark. Valley Substa., *P. O., Rocky Ford*—
P. K. Blinn, B. S., *Alfalfa Invest.*
J. C. Ward, B. S., *Soil Chem.*
Cheyenne Wells Substa., *P. O., Cheyenne Wells*—
J. W. Adams, B. S., *Asst. in Agron. and Dry Farming.*

CONNECTICUT

Connecticut Agricultural College and the Storrs Agricultural Experiment Station, *Storrs* **(telegraph address,** *Storrs* **via** *Willimantic:* **railroad station and express address,** *Willimantic*)

*College faculty. †Station staff. ‡Extension staff

*C. L. Beach, B. Agr., B. S., *President*
†W. L. Slate, jr., B. S., *Dir. of Sta.*
‡B. W. Ellis, B. S., *Dir. Ext. Service*

Agronomy:
Director Slate, *Sta. Agron.*
*†Henry Dorsey, M S., *Asst. Prof. and Asst. Agron.*
†B. A. Brown, *Asst. Agron.*
‡J. S. Owens, M. S., *Soil and Crop Specialist.*

Animal Husbandry:
*H. L. Garrigus, B. Agr., *Prof. An. Husb., Supt. Coll. and Gilbert Farms.*
‡J. A. Simms, B. S., *An. Husb. Specialist.*
*A. G. Skinner, B. S., *Asst. Prof. An. Husb.*
‡L. V. Tirrell, B. S., *Sheep Specialist.*

Bacteriology:
*W. M Esten, M. S., *Prof. Bact.*
†L. F. Rettger, Ph. D., *Bact. in An. Diseases (P. O., Yale Sta.).*
†J. G. McAlpine, Ph. D., *Asst. Bact. in An. Diseases.*
*Christie J. Mason, B. Agr., *Instr. Bact.*

Botany:
*E. W. Sinnott, Ph. D., *Prof. Bot. and Genetics. Dean Div. of Agr. Sci.*
*G. S. Torrey, A. M., *Assoc. Prof. Plant Path*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Chemistry:
*H. D. Newton, Ph. D., *Prof. Chem.*
†H. J. Fisher, B. A., *Chem. (P. O., New Haven).*
*J. L. Hughes, A. M., *Asst. Prof. Chem.*
*H. S. Schwenk, M. S., *Instr. Chem.*

Dairy Husbandry:
*†G. C. White, M. A., *Prof. Dairy Husb.; Dairy Husb. Dean of Agr.*
*†E. O. Anderson, M. S., *Asst. Prof. Dairy Husb.; in charge Dairy Mfg.*
†R. E. Johnson, M. S., *Asst. Dairy Husb.*
‡A. R. Merrill, B. S., *Dairy Specialist.*

Economics (Agr.):
*†‡I. G. Davis, B. A., *Prof. and Agr. Econ.*
*‡A. W. Manchester, B. Agr., A. B., *Prof. Farm Mgt., Farm Mgt. Dem.*
*E. H. Gumbart, Ped. D., *Asst. Prof. Econ.*
*†C. I. Hendrickson, M. S., *Asst. Prof. and Asst. in Agr. Econ.*
‡P. L. Putnam, B. S., *Asst. Farm Mgt. Dem.*
‡F. E. Waugh, *Marketing Specialist.*

Editorial:
‡Walter Stemmons, B. S., *Agr. Editor.*

Education (Agr.):
*C. B. Gentry, M. S., *Prof. Agr. Ed. and Dean Div. of Teacher Training.*
*J. L. Hypes, Ph. D., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):
*‡F. W. Knipe, B. S., *Instr. Agr. Engin., Specialist in Farm and Home Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.): [1]
Director Ellis *in charge.*
‡M. Estella Sprague, *State Home Dem. Leader.*
‡A. J. Brundage, *State Club Leader.*
‡Elsie Trabue, *Asst. State Club Leader.*

Forestry:
*A. E. Moss, M. F., *Asst. Prof. For.*
*‡A. A. Doppel, M. S., *Instr. and For. Specialist.*

Home Economics:
*M. Estella Sprague, *Dean of Div.*

Home Economics—Continued.
‡Mildred C. Annam, *Asst. Clothing Specialist.*
‡Dorothy S. Buckley, Ph. B., *Nutr. Specialist.*
‡Marion E. Dakin, *Nutr. Specialist.*
*Elizabeth B. Hamilton, B. S., *Instr. Home Econ.*
*Mrs. Gladys I. Hendrickson, Ph. B., *Asst. Prof. Home Econ.*
*Marie G. Lundberg, B. S., *Asst. Prof. Home Econ.*
‡Lisbeth Macdonald, R. N., *Rural Health Specialist.*
‡Edith L. Mason, B. S., *Clothing Specialist.*

Horticulture:
*S. P. Hollister, B. S., *Prof. Hort.*
‡W. H. Darrow, M. S., *Fruit Specialist.*
*R. H. Patch, M. S., *Asst. Prof. Flor.*
*A. T. Stevens, M. S., *Prof. Veg. Gard.*
‡A. E. Wilkinson, M. S., *Veg. Gard. Specialist.*

Poultry Husbandry:
*†W. F. Kirkpatrick, B. E., B. Agr., *Prof. Poultry Husb.; Poultry Husb.*
‡C. O. Dossin, B. S., *Asst. Poultry Specialist.*
†L. C. Dunn, Sc. D., *Geneticist (Poultry).*
‡R. E. Jones, *Poultry Specialist.*
†Walter Landauer, Ph. D., *Asst. Geneticist (Poultry).*
*D. E. Warner, jr., B. S., *Asst. Prof. Poultry Husb.*

Veterinary Science:
*B. K. Dow, V. S., *Lect. in Vet. Sci.*

Zoology:
*†G. H. Lamson, jr., M. S., *Prof. Zool. and Ent.; Zool.*
*‡L. B. Crandall, B. S., *Prof. and Apiculture Specialist.*
*J. A. Manter, B. S., *Instr. Ent.*
*†A. F. Schulze, M. S., *Instr. and Asst. Zool.*

Miscellaneous:
*R. E. Dodge, M. A., *Dean Two-Year Course in Agr.*
*Edwina M. Whitney, Ph. B., *Libr.*

Connecticut State Agricultural Experiment Station, *New Haven*

†Station Staff

†E. H. Jenkins, Ph. D., *Director Emeritus*
†W. L. Slate, jr., B. S., *Director*

Analytical Chemistry:
†E. M. Bailey, Ph. D., *Chem. in charge.*
†R. E. Andrew, M. A., *Asst. Chem.*
†H. J. Fisher, B. A., *Asst. Chem.*
†W. T. Mathis, B. S., *Asst. Chem.*
†O. L. Nolan, *Asst. Chem.*
†C. E. Shepard, *Asst. Chem.*

Biochemistry:
†T. B. Osborne, Ph. D., Sc. D., *Chief Research Chem. in charge.*
†Helen Cannon, B. S., *Asst. Chem.*
†C. S. Leavenworth, Ph. B., *Asst. Chem.*
†H. B. Vickery, Ph D., *Asst. Chem.*
†A. J. Wakeman, Ph. D., *Asst. Chem.*

Botany:
†G. P. Clinton, Sc. D., *Bot. in charge.*

Botany—Continued.
†W. R. Hunt, Ph. D., *Asst. Bot.*
†Florence A. McCormick, Ph. D., *Path.*
†E. M. Stoddard, B. S., *Pomol.*

Entomology:
†W. E. Britton, Ph. D., *Ent. in charge (State Ent.).*
†J. T. Ashworth, *Deputy in charge Gypsy and Brown-tail Moth Work.*
†R. C. Botsford, *Deputy in charge Mosquito Elimination.*
†R. B. Friend, B. S., *Asst. Ent.*
†Philip Garman, Ph. D., *Asst. Ent.*
†B. H. Walden, B. Agr., *Asst. Ent.*
†M. P. Zappe, B. S., *Asst. Ent.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Forestry:
†W. O. Filley, *For. in charge.*
†H. W. Hicock, M. F., *Asst. For.*

Genetics:
†D. F. Jones, S. D., *Geneticist in charge.*
†P. C. Mangelsdorf, S. D., *Asst. Geneticist.*

Soils:
†M. F. Morgan, M. S., *Invest. in Soils.*
†G. D. Scarseth, B. S., *Asst. in Soils.*

Miscellaneous:
†Miss L. M. Brautlecht, *Libr.*

Substations:
Tobacco Substa., *P. O., Windsor—*
P. J. Anderson, Ph. D., *in charge.*
N. T. Nelson, Ph. D., *Plant Physiol.*

DELAWARE

School of Agriculture and the Agricultural Experiment Station of the University of Delaware, *Newark*

*College faculty. †Station staff. ‡Extension staff

*Walter Hullihen, Ph. D., D. C. L., *President of University*
*†‡C. A. McCue, B. S. *Dean School of Agr., Dir. of Sta., Dir. of Ext. Service*

Agronomy:
*†G. L. Schuster, M. S., *Prof. Agron.; Agron.*
*†J. M. Graham, B. S., *Instr. and Asst. Agron.*
*†C. R. Runk, M. S., *Asst. Prof. and Asst. Agron.*

Animal Industry:
*†C. C. Palmer, D. V. M., M. S., *Prof. An. Indus., Bact.; Vet.*
*T. A. Baker, B. S., *Prof. An. Husb.*
†A. E. Tomhave, M. S., *An. Husb.*
*†H. R. Baker, M. S., *Asst. Prof. Biol.; Research Asst. in Poultry Diseases.*
*Margaret Clarihew, A. B., *Asst. in Biol.*
*Marion McKinney, A. B., *Instr. Biol.*
†C. W. Mumford, *Supt. of Poultry Plant.*
‡H. S. Palmer, B. S., *Poultry Specialist.*

Chemistry:
†P. B. Meyers, B. S., *Chem.*
†G. L. Baker, M. S., *Asst. Chem.*
†L. E. Blackman, M. S., *Asst. Chem.*

Economics (Agr.):
*†C. L. Benner, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*

Education (Agr.):
*R. W. Heim, A. M., *Prof. Agr. Ed.*

Entomology:
†H. L. Dozier, Ph. D., *Ent.*

Extension (Admin.):[1]
Director McCue *in charge.*
‡A. D. Cobb, B. S., *State Leader of County Agts.*
‡Kathryn E. Woods, *State Home Dem. Leader.*

Home Economics:[2]
*Ethel L. Parker, M. A., *Prof. Home Econ.*
*Elizabeth G. Kelly, A. M., *Instr. Home Econ.*
*Susan D. Spencer, Ph. B., *Instr. Home Econ.*

Horticulture:
Dean McCue, *Head of Dept.*
*†L. R. Detjen, M. S., *Assoc. Prof. and Assoc. Hort.*
*†G. F. Gray, M. S., *Instr. and Asst. Hort.*
†F. S. Lagassé, M. S., *Asst. Hort.*

Plant Pathology:
*‡‡T. F. Manns, Ph. D., *Prof. Plant Path. and Soil Bact.; Plant Path. and Soil Bact.*
†‡J. F. Adams, Ph. D., *Assoc. Plant Path. and Specialist in Truck Crops and Plant Path.*

Miscellaneous:
*†‡Mrs. Florence Fader, *Secy.*
†Freda Ritz, *Libr.*

State College for Colored Students, *Dover*

*Agricultural faculty

*R. S. Grossley, B. S., LL. D., *President*

*J. B. Aiken, A. B., *Instr. Pract. Agr.*
*Florence G. Brooks, Phar. C., *Instr. Home Econ.*
*D. A. Callinder, *Instr. Mech. Arts.*
*Ethel L. Cuff, A. B., *Libr.*
*Helen B. Grossley, A. M., *Dir. Home Econ.*
*L. G. Laws, *Dir. Mech. Arts.*
*A. T. Wood, B. S., *Dir. of Agr.*

[1]For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2]Given in the Women's College.

FLORIDA

College of Agriculture and the Agricultural Experiment Station of the University of Florida, *Gainesville*

*College faculty. †Station staff. ‡Extension staff

*A. A. Murphree, A. M., LL. D., *President of University*
*†‡Wilmon Newell, M. S., D. Sc., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Div.*

Agronomy:
*J. E. Turlington, Ph. D., *Prof. Agron. and Agr. Econ.*
*O. C. Bryan, Ph. D., *Asst. Prof. Agron.*
*H. G. Hamilton, M. S., *Instr. Farm Mgt.*
†W. A. Leukel, Ph. D., *Asst. Grass and Forage Crop Specialist.*
†W. E. Stokes, M. S., *Grass and Forage Crop Specialist.*

Animal Industry:
†‡J. M. Scott, B. S., *An. Indus. and Vice Dir. of Sta.*
*C. H. Willoughby, B. Agr., M. A., *Prof. An. Husb. and Dairying.*
*N. W. Sanborn, M. D., *Prof. Poultry Husb.*
‡H. L. Brown, M. S., *Ext. Dairyman.*
‡N. R. Mehrhof, B. S., M. Agr., *Poultry Specialist.*
†Pence Peterson, *Dairyman.*

Botany—*See* **Horticulture.**

Chemistry:
†R. W. Ruprecht, Ph. D., *Chem.*
†R. M. Barnette, Ph. D., *Asst. Chem.* (*Soil Invest.*).
†C. E Bell, M. S., *Asst. Chem.*
*A. P. Black, A. B., *Prof. Agr. Chem.*
†J. M. Coleman, B. S., *Asst. Chem.*
†E. W. Cowan, A. M., *Asst. Chem.*
*V. T. Jackson, Ph. D., *Asst. Prof. Agr. Chem.*

Economics (Agr.):
†C. V. Noble, Ph. D., *Head of Dept.*
†Bruce McKinley, B. S., *Asst. Agr. Econ.*

Editorial—*See* **Journalism.**

Education (Agr.):
*J. W. Day, A. M., *Prof. Agr. Ed.*

Engineering (Agr.):
*Frazier Rogers, B. S., *Prof. Agr. Engin.*

Entomology:
†J. R. Watson, M. A., *Ent.*
†H. E. Bratley, M. S., *Lab. Asst.* (*Pecan Invest.*).
†E. F. Grossman, M. A., *Asst. Ent.* (*Cotton Invest.*).
†A. N. Tissot, M. S., *Asst. Ent.*

Extension (Admin.):[1]
Director Newell *in charge.*
‡A. P. Spencer, M. S., *Vice Dir.*
‡Flavia Gleason, *State Home Dem. Agt.* (*P. O., Tallahassee*).
‡R. W. Blacklock, A. B., *State Club Leader.*
‡Virginia P. Moore, *Asst. State Home Dem. Agt.* (*P. O., Tallahassee*).

Home Economics:
†Ouida D. Abbott, Ph. D., *Head of Dept.*
‡Mary A. Stennis, M. A., *Dairy and Nutr. Specialist.*
‡Isabelle Thursby, *Food and Marketing Agt.*

Horticulture and Botany:
*W. L. Floyd, M. S., *Prof. Hort. and Bot.; Asst. Dean Coll. of Agr.*

Horticulture and Botany—Continued.
*C. E. Abbott, B. S., *Instr. Hort.*
†G. H. Blackmon, B. S., *Pecan Culturist.*
*M. D. Cody, M. A., *Prof. Bot. and Bact.*
*A. M. Funnell, B. S., *Foreman Greenhouse and Grounds.*
*E. L. Lord, B. S., *Asst. Prof. Hort. and Bot.*
†Harold Mowry, *Asst. Hort.*
*J. S. Rogers, A. M., *Prof. Biol. and Geol.* (*Agr.*).

Journalism:
*O. K. Armstrong, B. J., M. A., *Prof. Agr. Journalism.*
†‡J. F. Cooper, B. S., *Editor.*

Plant Pathology:
†O. F. Burger, Sc. D., *Plant Path.*
†A. N. Brooks, Ph. D., *Asst. Plant Path.* (*Strawberry Invest.: P. O., Plant City*).
‡E. F. DeBusk, B. S., *Ext. Citrus Path.*
‡M. R. Ensign, M. S., *Ext. Ent. and Plant Path.*
†L. O. Gratz, Ph. D., *Asst. Plant Path.* (*P. O., Hastings*).
*John Gray, M. S., *Asst. Prof. Plant Path. and Econ. Ent.*
†D. G. A. Kelbert, *Field Asst. in Plant Path.*
†W. A. Kuntz, Ph. D., *Asst. Plant Path.* (*Coop. U. S. D. A.: P. O., Lake Alfred*).
†K. W. Loucks, B. S., *Asst. Plant Path.*
†A. S. Rhoads, Ph. D., *Asst. Plant Path.* (*P. O., Cocoa*).
†J. L. Seal, M. S., *Asst. Plant Path.*
†G. F. Weber, Ph. D., *Assoc. Plant Path.*
†Erdman West, B. S., *Asst. Plant Path.*

Plant Physiology:
†A. F. Camp, Ph. D., *Plant Physiol.* (*Cotton Invest.*).
†W. A. Carver, Ph. D., *Asst. Cotton Specialist.*
†R. M. Crown, B. S., *Field Asst. in Cotton Invest.*

Veterinary Science:
*†A. L. Shealy, B. S., D. V. M., *Prof. Vet. Sci.; Vet.*
†D. A. Sanders, B. S., D. V. M., *Asst. Vet.*

Miscellaneous:
†Mrs. Ida K. Cresap, *Libr.*
*†‡K. H. Graham, *Auditor.*
*†A. W. Leland, *Farm Foreman.*
*Cora Miltimore, B. S., *Libr.*
†Henry Ziegler, *Farm Foreman.*

Substations:
Citrus Expt. Sta., *P. O., Lake Alfred*—J. H. Jefferies, *Supt.*
Everglades Expt. Sta., *P. O., Belle Glade*—
M. A. Baker, B. S., *Field Asst.*
G. E. Tedder, *Foreman.*
Tobacco Expt. Sta., *P. O., Quincy*—
W. B. Tisdale, Ph. D., *Assoc. Plant Path.* (*in charge Tobacco Invest.*).
J. G. Kelley, B. S., *Lab. Asst.*
Jesse Reeves, *Foreman.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Florida Agricultural and Mechanical College for Negroes, *Tallahassee*

*Agricultural faculty. ‡Extension staff

*J. R. E. Lee, A. M., LL. D., *President*
*C. O. Brown, *Dir. Agr. Dept.*

*Charles Chapman, *An. Husb. and Dairying.*
*Irma L. Coleman, *Instr. Dom. Sci.*
*H. M. Efferson, A. B., *Asst. Prof. Sci.*
*Virginia Hilyer, R. N., *Supt. Nurse Training School.*
*J. O. Jones, B. S., *Prof. Biol. Chem.*
*Clara B. Moon, *Dean Home Econ. Dept.*
*Clementina B. Nelson, B. S., *Instr. Dom. Sci.*
*Florence Sherman, *Instr. Dom. Art., Millinery.*
‡A. A. Turner, *Farmers' Club Organizer.*
*E. C. Weare, *Libr.*
*J. D. Wray, M. S., *Agr.*

GEORGIA

Georgia State College of Agriculture, University of Georgia, *Athens*

*College faculty. ‡Extension staff

*A. M. Soule, Sc. D., F. R. S. A., LL. D., *President*
‡J. Phil. Campbell, B. S., *Dir. of Ext. Div.*

Agronomy:
*‡J. R. Fain, D. Sc., *Prof. Agron.*
*G. A. Crabb, B. S., *Prof. Agron. in charge Soils.*
*R. R. Childs, M. S., *Prof. Agron. in charge Cotton Indus. (Coop. U. S. D. A.).*
‡E. D. Alexander, M. S., *Farm Crops Specialist.*
‡L. V. Davis, B. S., *Supvr. Fert. Invest.*
*Paul Tabor, M. S., *Assoc. Prof. Agron. in charge Farm Crops.*
‡Kenneth Treanor, B. S., *Farm Crops Specialist.*
*P. O. Vanatter, *Supt. Field Expts.*
‡F. C. Ward, B. S., *Cotton Specialist.*

Animal Industry:
*‡M. P. Jarnagin, D. Sc., *Prof. An. Husb.*
*‡J. H. Wood, B. S., *Prof. Poultry Husb.*
*F. W. Bennett, B. S., *Assoc. Prof. Dairy Husb.*
‡F. W. Fitch, B. S., *Field Agt. in Dairy Husb.*
*C. E. Kellogg, M. S., *Assoc. Prof. An. Husb.*
‡J. G. Liddell, B. S., *Field Agt. in Swine Indus.*
‡L. H. Marlatt, *Field Agt. in Cheese Prod. (Coop. U. S. D. A.).*
‡F. E. Mitchell, B. S., *Poultry Specialist.*
*W. S. Rice, B. S., *Assoc. Prof. An. Husb.*
*H. O. Woodward, B. S., *Adjunct Prof. Poultry Husb.*

Botany:
*J. M. Reade, Ph. D., *Prof. Bot.*

Chemistry:
*L. M. Carter, B. S., *Prof. Agr. Chem.*
*W. O. Collins, B. S., *Assoc. Prof. Soil Chem.*
‡G. L. Fuller, B. S., *Soil Specialist in State Survey.*
*M. W. Lowry, M. A., *Assoc. Prof. Soil Chem.*
*R. M. Soule, B. S., *Assoc. Prof. Agr. Chem.*
*H. C. White, Ph. D., Sc. D., *Prof. Chem.*
*C. N. Wilder, M. S., *Assoc. Prof. Agr. Chem.*
*R. C. Wilson, Ph. G., *Prof. Pharm. and Materia Medica.*

Economics (Agr.):
‡J. W. Firor, B. S., *State Supvr. Marketing.*
‡W. A. Minor, B. S., *Farm Mgt. Specialist.*
‡E. C. Westbrook, B. S., *Farm Mgt. Specialist.*

Editorial:
*‡C. W. Summerour, B. S., *Editor.*
‡Laura E. Blackshear, *Illustrator and in charge Educational Exhibits.*

Education (Agr.):
*J. T. Wheeler, M. S., *Prof. Agr. Ed.*
*W. W. Reitz, M. S., *Assoc. Prof. Agr. Ed.*
*Epsie Campbell, B. S., *Supvr. Voc. Home Econ.*
*P. W. Chapman, B. S., *State Supvr. Voc. Agr. Ed.*
*M. D. Mobley, B. S., *Assoc. Prof. Agr. Ed., in charge Practice School.*
*L. M. Sheffer, B. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):
*‡S. P. Lyle, M. S. A. E., *Prof. Agr. Engin.*
‡W. E. Broach, B. S., *Field Agt. in Agr. Engin.*
*W. A. Clegg, B. S., *Assoc. Prof. Agr. Engin.*

Extension (Admin.):[1]
Director Campbell *in charge.*
‡J. K. Giles, B. S., *Asst. Dir.*
‡J. G. Oliver, B. S., *State Agt.*
‡Mrs. Leila R. Mize, B. S., *State Home Dem. Agt.*
‡G. V. Cunningham, B. S., *State Club Agt.*
‡Lois P. Dowdle, B. S., *State Club Agt.*
‡William Bradford, A. B., M. D., *Asst. State Club Agt.*

Forestry:
*T. D. Burleigh, M. S., *Assoc. Prof. For.*
‡DuPre Barrett, B. S., *Field Agt. in For.*
*L. E. Sawyer, B. S., *Instr. For.*

Home Economics:
*‡Mary E. Creswell, B. S., *Dir. of Home Econ.*
*Susie Burson, B. S., *Teacher Pract. School.*
‡Matilda Callaway, B. S., *Teacher Pract. School.*
‡Lurline Collier, *Clothing Specialist.*
*Edith V. Creswell, B. S., *Adjunct. Prof. Home Econ.*
‡Willie V. Dowdy, *Home Improvement Specialist.*
‡Susan J. Mathews, B. S., *Food and Nutr. Specialist.*
*Catherine Newton, M. S., *Assoc. Prof. Foods and Cookery.*
*Rosalie V. Rathbone, B. S., *Assoc. Prof. Textiles and Clothing.*
*Rhea C. Scott, B. S., *Assoc. Prof. Institutional Mgt.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Horticulture:

*‡T. H. McHatton, D. Sc., M. H., *Prof. Hort.*
‡G. H. Firor, B. S., *Field Agt. in Hort.*
‡H. W. Harvey, B. S., *Landsc. Gard. Specialist.*
*R. L. Keener, B. S., *Assoc. Prof. Hort.*
‡H. M. McKay, M. S., *Field Agt. in Hort.*

Veterinary Medicine:

*‡A. G. G. Richardson, D. V. M., *Prof. Vet. Med.*
*W. C. Burkhart, D. V. M., *Assoc. Prof. Vet. Med.*

Veterinary Medicine—Continued.

*R. W. Jones, D. V. M., *Assoc. Prof. Vet. Med.*
*W. F. McLendon, D. V. M., *Adjunct Prof. Vet. Med.*
*H. V. Persells, D. V. M., *Assoc. Prof. Vet. Med.*
*J. E. Severin, D. V. M., *Assoc. Prof. Vet. Med.*

Miscellaneous:

*Nelle M. Reese, *Libr.*

Georgia Experiment Station, *Experiment* (telegraph and express address, *Griffin*)

†Station staff

†H. P. Stuckey, B. S., *Director. Hort.*

†R. P. Bledsoe, M. S., *Agron.*
†F. R. Edwards, M. S., *An. Husb.*
†W. G. Friedemann, Ph. D., *Chem.*
†B. B. Higgins, Ph. D., *Bot., Plant Path.*
†W. L. Brown, B. S., *Asst. Chem.*
†Naomi Chapman, M. S., *Asst. Bot., Plant Path.*
†Sarah L. Kilpatrick, *Libr., Secy.*
†Susan J. Mathews, B. S., *Nutr. Specialist.*[1]
†Catherine Newton, M. S., *Nutr. Specialist.*[1]
†Frank Van Haltern, M. S., *Assoc. Bot.* (*P. O. Tifton*).
†M. A. Willis, M. S., *Asst. Agron.*
†J. G. Woodroof, B. S., *Asst. Hort.*

Georgia Coastal Plain Experiment Station, *Tifton*

†Station staff

†S. H. Starr, B. S., *Director*

†Fred Bell, *Farm Supt.*
†W. J. Davis, B. S., *Agron.*
†J. C. Hart, B. S., *Tobacco Specialist* (*Coop. U. S. D. A.*).
†R. C. Thomas, M. S., *Path.* (*Coop. U. S. D. A.*).
†Otis Woodard, B. S., *Hort.*

Georgia State Industrial College for Colored Youths, University of Georgia, *Savannah*

*Agricultural faculty. ‡Extension staff

*C. G. Wiley, A. M., *President*

*J. W. Derrick, *Farm Supt.*
*J. S. Frazier, *Instr. Dairying and Poultry.*
*H. E. Hall, *Instr. Voc. Agr.*
*Howard Jackson, *Instr. Laundering.*
‡P. H. Stone, *Asst. State Agt.*
‡A. Tabor, *Supvr. Agr. Ed. in Negro Schools.*
‡Camilla Weems, *State Home Dem. Agt.*
*Mrs. W. P. White, *Instr. Sewing.*
‡E. A. Williams, *State Agent.*
*Mrs. Mamie Williams, *Instr. Dom. Sci.*

GUAM

Agricultural Experiment Station, *Guam, Island of Guam*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†C. W. Edwards, B. S., *Director*

†F. B. L. Guerrero, *Asst. in Poultry Husb.*
†Joaquin Guerrero, *Asst. in Hort.*
†Peter Nelson, *Admin. Asst.*
†S. R. Vandenberg, B. S., *Ent.*

HAWAII

University of Hawaii (Divisions of Agriculture and Home Economics), *Honolulu*

*College faculty

*A. L. Dean, Ph. D., *President of University*
*A. R. Keller, C. E., M. S., *Dean Coll. of Applied Science.*

*H. F. Bergman, Ph. D., *Prof. Bot.*
*E. M. Bilger, Ph. D., *Asst. Prof. Chem.*
*E. H. Bryan, jr., M. S., *Instr. Ent.*
*Minnie E. Chipman, *Prof. Household Art.*
*D. L. Crawford, M. A., *Prof. Ent., Dir. of Ext.*
*Anna von B. Dahl, *Asst. Prof. Textiles.*
*J. O. Dale, B. S., *Instr. Poultry Husb.*
*F. T. Dillingham, M. A., *Prof. Chem.*
*C. H. Edmondson, Ph. D., *Prof. Zool. and Dir. Marine Biol. Lab.*
*Giichi Fujimoto, M. S., *Instr. Chem.*
*Lawrence Gay, *Marketing Specialist.*
*Clara F. Hemenway, *Libr.*
*L. A. Henke, M. S., *Prof. Agr.*
*Paul Kirkpatrick, Ph. D., *Prof. Phys.*
*F. G. Krauss, D. Sc., *Prof. Agron. and Genetics.*
*W. R. McAllep, *Lect. on Sugar Tech.*
*M. C. Magarian, *Instr. Phys.*
*Carey D. Miller, M. S., *Asst. Prof. Household Sci.*
*Leonora Neuffer, Ph. D., *Prof. Chem.*
*J. M. Ostergaard, *Asst. in Zool.*
*Robert Pahau, B. S., *Supt. Waiakea Farm, P. O., Hilo.*
*H. S. Palmer, Ph. D., *Prof. Geol.*
*Richard Wrenshall, Ph. D., *Prof. Chem.*

[1] Working in cooperation with the Georgia State College of Agriculture.

Experiment Station of the Association of Hawiian Pineapple Canners [1]

A. L. Dean, Ph. D., *Director.*
F. A. E. Abel, M. S., *Asst. Chem.*
F. A. Bowers, B. S., *Asst. Agr.*
Gwendolyn Cochrane, B. S., *Asst. Path.*
H. L. Dennison, B. S., *Agr.*
John Horner, A. B., *Asst. Chem.*
Helene Morita, B. S., *Asst. Path.*
C. P. Sideris, Ph. D., *Path.*
W. A. Wendt, B. S., *Asst. Agr.*

Agricultural Experiment Station, *Honolulu*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff. ‡Extension work

†J. M. Westgate, M. S., *Director*

†John Castro, *Plant Propagator.*
†H. L. Chung, M. S., *Agron.*
‡R. A. Goff, B. S., *Ext. Agt. for Island of Hawaii (P. O., Hilo).*
‡Mabel Greene, *Ext. Agt. in Club Work.*
†R. K. Lum, B. S., *Junior Trop. Econ.*
†W. T. Pope, M. S., *Hort.*
†J. C. Ripperton, M. S., *Chem.*
‡H. F. Willey, *Supt. Dem. Farm (P. O., Makawao).*

Experiment Station, Hawaiian Sugar Planters' Association, *Honolulu*

†Station staff

†H. P. Agee, B. S., *Director*

†C. C. Barnum, B. S., *Asst. Path.*
†A. Brodie, M. A. S., *Tech. Chem.*
†L. W. Bryan, B. S., *For. Supvr. (Hilo Project).*
†Raymond Conant, *Asst. Agr.*
†H. A. Cook, A. B., *Asst. Chem.*
†D. A. Cooke, *Asst. Agr.*
†C. L. Crutchfield, *Asst. Chem.*
†F. C. Denison, *Asst. Agr.*
†Albert Duval, *Asst. in For.*
†Allister Forbes, *Asst. Agr.*
†D. M. L. Forbes, *Asst. Agr.*
†F. C. Haddon, *Asst. Ent.*
†Fred Hansson, Ph. B., *Asst. Chem.*
†R. H. King, B. S., *Asst. Chem.*
†Y. Kutsunai, B. S., *Asst. Agr.*
†H. A. Lee, *Plant Path.*
†H. L. Lyon, Ph. D., *in charge Dept. of Bot. and For.*
†W. R. McAllep, *Sugar Tech.*
†W. L. McCleery, *Asst. Sugar Tech.*
†G. A. McEldowney, *For. Supvr. (Oahu Project).*
†J. P. Martin, B. S., *Asst. Plant Path.*
†F. Muir, *Ent.*
†Dean Palmer, *Asst. Agr.*
†C. E. Pemberton, *Asst. Ent.*
†R. C. L. Perkins, D. Sc., *Consult. Ent.*
†Twigg Smith, *Illustrator.*
†W. E. Smith, *Asst. Sugar Tech.*
†H. K. Stender, B. S., *Asst. Agr.*
†G. R. Stewart, B. S., *Chem.*
†O. H. Swezey, M. S., *Ent.*
†F. R. Van Brocklin, B. Ch., *Asst. Chem.*
†R. H. Van Zwaluwenburg, B. S., *Asst. Ent.*
†J. A. Verret, B. S., *Agr.*
†A. J. Watt, jr., *Asst. Agr.*
†D. M. Weller, *Histol.*
†J. A. H. Wilder, A. B., *Asst. Agr.*
†F. X. Williams, Sc. D., *Asst. Ent.*
†J. E. Wist, *Supt. Vineyard Street Nursery.*

IDAHO

College of Agriculture and the Agricultural Experiment Station of the University of Idaho, *Moscow*

*College faculty. †Station staff. ‡Extension staff

*A H. Upham, Ph.D., *President of University*
*†‡E. J. Iddings, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Div.*

Agronomy:
*†H. W. Hulbert, M. S., *Prof. Agron.; Agron.*
†‡C. B. Ahlson, B. S., *Field Agron. and Seed Comr. (P. O., Boise).*
†‡Jessie C. Ayres, A. B., *State Seed Analyst (P. O., Boise).*
‡R. H. Bristol, B. S., *Asst. Field Agron. (P. O., Boise).*
*†F. L. Burkart, *Field Supt., Dept. of Agron.*
*†G. R. McDole, M. A., *Assoc. Prof. Agron.; Soil Tech.*

Animal and Poultry Husbandry:
*†C. W. Hickman, B. S., *Prof. An. Husb.; An. Husb.*
*†R. T. Parkhurst, B. S., *Prof. Poultry Husb.; Poultry Husb.*

Animal and Poultry Husbandry—Continued.
†R. F. Johnson, B. S., *Asst. in Feeding Invest.*
‡Pren Moore, *Poultry Specialist (P. O., Boise).*
*†J. E. Nordby, M. S., *Assoc. Prof. and Asst. An. Husb.*
†‡E. F. Rinehart, B. S., *Asst. and Field An. Husb. (P. O., Boise).*

Bacteriology:
*†W. M. Gibbs, Ph. D., *Prof. Bact.; Bact.*
†C. C. Prouty, M. S., *Asst. Bact.*

Botany:
*F. W. Gail, Ph. D., *Prof. Bot.; Bot.*
*Lois Clark, Ph. D., *Asst. Prof. Bot.*

[1] Under the management of the University of Hawaii.

Chemistry:
*†R. E. Neidig, Ph. C., M. S., *Prof. Agr. Chem.; Chem.*
*E. J. Baldwin, M. S., *Asst. Prof. Chem.*
†W. B. Bollen, Ph. D., *Asst. Agr. Chem.*
*L. C. Cady, B. S., *Instr. Chem.*
*William Cone, B. S., *Instr. Chem.*
*D. D. DuSault, B. S., *Instr. Chem.*
*J. A. Kostalek, Ph. D., *Prof. Org. Chem.*
†H. P. Magnuson, M. S., *Asst. Soil Chem.*
*A. W. Martin, B. S. Ch. E., *Asst. in Chem.*
*†R. S. Snyder, M. S., *Asst. Prof. Agr. Chem.; Assoc. Chem.*
*C. L. von Ende, Ph. D., *Prof. Chem.*

Dairy Husbandry:
*†F. W. Atkeson, B. S., *Prof. Dairy Husb.; Dairy Husb.*
*†G. C. Anderson, B. S., *Instr. and Asst. in Dairy Husb.*
*†H. A. Bendixen, M. S., *Assoc. Prof. Dairy Mfrs.; Asst. Dairy Husb.*
‡D. L. Fourt, B. S., *Field Dairyman (P. O., Boise).*
††H. A. Mathiesen, B. S., *Agt. in Dairying (Coop. U. S. D. A.: P. O., Boise).*

Economics (Agr.):
†H. C. Dale, A. M., *Agr. Econ.*
†G. L. Sulerud, M. A., *Asst. Agr. Econ.*

Editorial:
††Alan Dailey, B. S., *Agr. Editor.*
*E. F. Mason, B. Lit., *Dir. of Pubs.*

Education (Agr.):
*F. E. Armstrong, M. S., *Prof. Agr. Ed. and Prin. School of Pract. Agr.*
*B. L. Brigham, B. S., *Supvr. Pract. Teaching in Agr.*

Engineering (Agr.):
*†M. R. Lewis, B. S., *Assoc. Prof. Agr. Engin.; Agr. Engin. and Irrig.*
*†Hobart Beresford, B. S. A. E., *Asst. Prof. and Asst. Agr. Engin.*

Entomology:
‡W. E. Crouch, B. S., *Rodent Control Specialist (P. O., Boise).*
†R. W. Haegele, A. B., *Asst. Ent. (P. O., Twin Falls).*
††Claude Wakeland, M. S., *Ent. (P. O., Parma).*
*‡F. E. Whitehead, M. S., *Assoc. Prof. Ent.*

Extension (Admin.):[1]
Director Iddings *in charge.*
‡J. H. Rearden, B. S., *Actg. County Agt. Leader and State Club Leader.*
‡Marion M. Hepworth, B. S., *State Home Dem. Leader and Nutr. Specialist.*

Forestry:
*†F. G. Miller, M. F., *Dean School of For.*
*E. E. Hubert, Ph. D., *Prof. For. Products.*
*H. I. Nettleton, B. S. F., *Instr. For.*
*C. W. Watson, M. F., *Asst. Prof. Silviculture.*

Home Economics:[2]
*Katherine Jensen, M. S., *Prof. Home Econ., Dir. Home Econ. Curriculum.*
*June M. Andrews, B. A., *Special Lect. in Home Econ.*
*Dorothy G. Ellis, M. A., *Assoc. Prof. Home Econ.*
*Ada B. Johnson, B. S., *Asst. Prof. Home Econ.*
*Adah Lewis, M. S., *Assoc. Prof. Home Econ.*
*Jessie B. Thornber, B. S., *Super. Pract. Teaching in Home Econ.*
*Grace Zudreele, B. S., *Asst. Prof. Art and Design.*

Horticulture:
*†C. C. Vincent, M. S., *Prof. Hort.; Hort.*
‡E. R. Bennett, M. H., *Field Hort. (P. O., Boise).*
*†L. E. Longley, M. S., *Assoc. Prof. and Assoc. Hort.*
*†C. V. Schrack, B. S., *Gardener.*

Plant Pathology:
*†C. W. Hungerford, Ph. D., *Prof. Plant Path.; Plant Path. (Coop. U. S. D. A.).*
†J. M. Raeder, M. S., *Asst. Plant Path. (Coop. U. S. D. A.).*

Veterinary Science:
*†B. L. Taylor, D. V. M., *Asst. Prof. Vet. Sci.; Vet.*

Zoology:
*J. E. Wodsedalek, Ph. D., *Prof. Zool.*

Miscellaneous:
*††Mrs. Grace B. Raeder, *Executive Secy.*
*†Mary B. Sweet, B. L. S., *Instr. Libr. Sci.; Libr.*

Substations:
Aberdeen—A. E. McClymonds, B. S., *Supt.*
Caldwell—D. A. Stubblefield, *Supt.*
Felt (High Altitude)—W. A. Moss, B. S., *Supt.*
Sandpoint—J. H. Christ, M. S., *Supt.*

ILLINOIS

College of Agriculture and the Agricultural Experiment Station of the University of Illinois, *Urbana*

*College faculty. †Station staff. ‡Extension staff

*David Kinley, Ph. D., LL. D., *President of University*
*††H. W. Mumford, B. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service. Prof. An. Husb.*
†Anna C. Glover, *Secy. and Mgr. of Pubs.*
†Helen H. Peffer, A. B., *Editorial Asst.*

Agronomy:
*†W. L. Burlison, Ph. D., *Head of Dept. Prof. and Chief in Crop Prod.*
†Lilburn Allen, B. S., *Asst. in Soil Survey Anal.*

Agronomy—Continued.
†J. C. Anderson, B. S., *First Asst. in Soil Fert.*
†C. J. Badger, B. S., *Assoc. in Soil Survey Expt. Fields.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

[2] Given in College of Letters and Science.

Agronomy—Continued.

†‡F. C. Bauer, Ph. D., *Prof. Soils Ext., Chief in Soil Expt. Fields.*

†R. H. Bray, B. S., *First Asst. in Soil Survey Anal.*

*†W. R. Carroll, M. S., *Asst. in Soil Biol.*

*†F. M. Clark, B. S., *Asst. in Soil Biol.*

†R. G. Crammond, B. S., *First Asst. in Soil Survey Mapping.*

*†F. H. Crane, B. S., *Assoc. in Soil Fert.*

*†E. E. De Turk, Ph. D., *Prof. and Chief in Soil Tech., in charge Soil Anal. of Soil Survey.*

*†G. H. Dungan, Ph. D., *Asst. Prof. and Asst. Chief in Crop Prod.*

†O. I. Ellis, B. S., *Asst. Chief in Soil Survey Mapping.*

†A. A. Endres, B. S., *Asst. in Soil Survey Mapping.*

†‡J. C. Hackleman, A. M., *Prof. and Chief in Crops Ext.*

*†M. B. Harland, B. S., *Assoc. in Soil Phys.*

†M. A. Hein, B. S., *Assoc. in Soil Survey Expt. Fields.*

†C. F. Hottes, Ph. D., *Consult. Plant Physiol.*

†A. H. Karraker, B. S., *Assoc. in Soil Survey Expt. Fields.*

†Benjamin Koehler, Ph. D., *Assoc. Chief in Crop Path.*

†‡John Lamb, jr., B. S., *Assoc. in Soil Survey Expt. Fields and in Soils Ext. (P. O., Newton).*

†A. L. Lang, B. S., *Assoc. in Soil Survey Expt. Fields (P. O., Dixon).*

†H. A. Lunt, M. S., *First Asst. in Soil Fert. and Soil Expt. Fields.*

†L. B. Miller, B. S., *Asst. in Soil Survey Expt. Fields (P. O., Dixon).*

†J. E. McKittrick, M. S., *Asst. in Soil Survey Expt. Fields (P. O., Newton).*

†E. A. Norton, B. S., *Assoc. in Soil Survey Mapping.*

*†J. J. Pieper, M. S., *Asst. Prof. and Asst. Chief in Crop Prod.*

*†L. F. Rickey, B. S., M. B. A., *Assoc. in Grain Marketing Tech.*

*†O. H. Sears, M. S., *Asst. Prof. and Asst. Chief in Soil Biol.*

†E. G. Sieveking, A. M., *First Asst. in Soil Survey Anal.*

†L. H. Smith, Ph. D., *Chief in charge Pubs. of Soil Survey.*

*†R. S. Smith, Ph. D., *Prof. and Chief in Soil Phys., in charge Identification and Mapping of Soil Types.*

†‡H. J. Snider, M. S., *Asst. Chief in Soil Expt. Fields. Soils Ext. Work.*

†V. E. Spencer, B. S., *Assoc. in Soil Fert.*

†R. W. Stark, M. S., *Assoc. in Crop Prod.*

*†R. S. Stauffer, M. S., *Instr. and First Asst. in Soil Phys.*

*W. R. Tascher, B. S., *Asst. in Crop Prod.*

†A. U. Thor, B. S., *First Asst. in Soil Survey Expt. Fields.*

*†D. C. Wimer, M. S., *Asst. Prof. and Asst. Chief in Soil Phys.*

*†F. L. Winter, M. S., *Instr. and First Asst. in Plant Brdg.*

*†C. M. Woodworth, Ph. D., *Assoc. Prof. and Assoc. Chief in Plant Brdg.*

Animal Husbandry:

*†H. P. Rusk, M. S., *Head of Dept. Prof. and Chief in Cattle Husb.*

†J. B. Ball, B. S., *Asst. in An. Husb.*

†P. M. Baldwin, B. S., *Asst. in An. Nutr.*

†Jessie R. Beadles, B. S., *Asst. in An. Nutr.*

*†Sleeter Bull., M. S., *Assoc. Prof. An. Husb.; Assoc. Chief in Meats.*

*†L. E. Card, Ph. D., *Prof. and Chief in Poultry Husb.*

*†W. E. Carroll, Ph. D., *Prof. and Chief in Swine Husb.*

*†C. W. Crawford, B. S., *Assoc. in An. Husb.*

*†J. L. Edmonds, B. S., *Prof. and Chief in Horse Husb.*

*†E. R. Frank, B. S., D. V. M., *Instr. and First Asst. in An. Husb.*

*†Robert Graham, B. S., D. V. M., *Prof. and Chief in An. Path. and Hyg.*

*†H. S. Grindley, Sc. D., *Prof. and Chief in An. Nutr.*

*†T. S. Hamilton, M. S., *Assoc. in An. Nutr.*

*†W. G. Kammlade, M. S., *Asst. Prof. and Asst. Chief in Sheep Husb.*

†Mary H. Keith, M. A., *First Asst. in An. Nutr.*

*†C. H. Kick, M. S., *Asst. in An. Nutr.*

*†J. H. Knox, M. S., *Instr. and First Asst. in An. Husb.*

*†G. A. Lindsey, B. S., *Asst. in An. Brdg.*

*†J. H. Longwell, A. M., *Instr. and First Asst. in An. Husb.*

*†H. H. Mitchell, Ph. D., *Prof. and Chief in An. Nutr.*

*‡E. T. Robbins, M. S., *Assoc. Prof. and Specialist in An. Husb. Ext.*

*†Elmer Roberts, Ph. D., *Assoc. Prof. and Assoc. Chief in An. Brdg.*

*†R. A. Smith, B. S., *Asst. in An. Husb.*

*†R. R. Snapp, M. S., *Assoc. Prof. An. Husb.; Assoc. Chief in Beef Cattle Husb.*

*†E. A. Tunnicliff, D. V. M., M. S., *Instr. and First Asst. in An. Path.*

‡John Vandervort, jr., B. S., *Poultry Specialist.*

†R. L. Zimmerman ,B. S.. *Asst. in An. Nutr.*

Dairy Husbandry:

*†H. A. Ruehe, Ph. D., *Head of Dept. Prof. and Chief in Dairy Mfrs.*

*†A. S. Ambrose, M. S., *Asst. Prof. and Asst. Chief in Dairy Mfrs.*

*†J. M. Brannon, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Bact.*

*†M. H. Campbell, M. S., *Assoc. in Dairy Husb.*

*†F. A. Davidson, M. S., *Instr. and First Asst. in Dairy Husb.*

*W. J. Fraser, M. S., *Prof. Dairy Farming.*

*†W. L. Gaines, Ph. D., *Prof. and Chief in Milk Prod.*

‡H. E. Jamison, B. S., *Asst. in Dairy Husb. Ext.*

*†W. B. Nevens, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Cattle Feeding.*

*†O. R. Overman, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Chem.*

*†M. J. Prucha, Ph. D., *Prof. and Chief in Dairy Bact.*

†‡C. S. Rhode, B. S., *Assoc. Prof. and Assoc. Chief in Dairy Husb. Ext.*

*†F. P. Sanmann, M. S., *Assoc. in Dairy Chem.*

*†P. H. Tracy, M. S., *Assoc. in Dairy Mfrs.*

Dairy Husbandry—Continued.

†K. E. Wright, B. S., *Asst. in Dairy Chem.*

*†W. W. Yapp, Ph. D., *Assoc. Prof. and Assoc. Chief in Dairy Cattle Husb.*

Economics (Agr.):

*†C. L. Stewart, Ph. D., *Assoc. Prof. and Chief in Agr. Econ.*[1]

*†L. J. Norton, Ph. D., *Asst. Prof. and Asst. Chief in Agr. Econ.*[1]

†O. L. Whalin, M. S., *Research Asst. in Agr. Econ.*

Editorial:

‡F. J. Keilholz, B. S., *Ext. Editor.*

Education (Agr.):[2]

*A. W. Nolan, Ph. D., *Assoc. Prof. Agr. Ed.*

*C. S. Anderson, M. S., *Instr. Agr. Ed.*

*Florence King, M. S., *Instr. Home Econ. Ed.*

*B. C. Lawson, M. S., *Instr. Agr. Ed.*

*Anna B. Robinson, A. M., *Assoc. in Home Econ. Ed.*

*L. L. Scranton, B. S., *Instr. Agr. Ed.*

Extension (Coop.):[3]

Director Mumford *in charge.*

††W. H. Smith, M. S., *State Leader of Farm Advisers, Prof. and Chief in An. Husb. Ext.*

‡J. D. Bilsborrow, B. S., *Asst. State Leader of Farm Advisers.*

‡C. E. Gates, B. S., *Asst. in Junior Club Work.*

‡E. I. Pilchard, B. S., *Specialist in Junior Club Work.*

‡J. C. Spitler, B. S., *Asst. State Leader of Farm Advisers.*

Extension (Coll.):

*‡F. H. Rankin, B. S., *Asst. Dean of Coll., Supt. of Agr. Coll. Ext.*

‡R. E. Hieronymus, A. M., LL. D., *Community Adviser.*

‡W. H. Young, *Assoc. in Agr. Coll. Ext.*

Farm Mechanics:

*†E. W. Lehmann, E. E., A. E., *Head of Dept. Prof. and Chief in Farm Mech.*

*†I. P. Blauser, B. S., *Instr. and First Asst. in Farm Mech.*

*‡F. P. Hanson, B. S., *Assoc. and Specialist in Farm Mech.*

*†R. C. Kelleher, B. S., *Instr. and First Asst. in Farm Mech.*

*†F. C. Kingsley, B. S., *Asst. in Farm Mech.*

*†R. I. Shawl, M. S., *Asst. Prof. and Asst. Chief in Farm Mech.*

*†A. L. Young, M. S., *Assoc. in Farm Mech.*

Farm Organization and Management:

*†H. C. M. Case, M. S., *in charge of Dept. Assoc. Prof. and Assoc. Chief in Farm Organ. and Mgt.*

*†H. A. Berg, B. S., *Instr. and First Asst. in Farm Organ. and Mgt.*

‡R. R. Hudelson, M. A., *Asst. Prof. Farm Organ. and Mgt. Ext.*

†P. E. Johnston, B. S., *Asst. in Farm Organ. and Mgt.*

‡M. L. Mosher, B. S., *Asst. Prof. Farm Organ. and Mgt. Ext.* (*P. O., Eureka*).

Farm Organization and Management—Con.

†K. H. Myers, B. S., *Assoc. in Farm Organ. and Mgt.*

†Lena C. Rhue, B. S., *Asst. in Farm Organ. and Mgt.*

*†R. C. Ross, M. S., *Assoc. in Farm Organ. and Mgt.*

†G. A. Sallee, B. S., *Field Asst. in Farm Organ. and Mgt.*

*†R. G. Trummel, B. S., *Asst. in Farm Organ. and Mgt.*

†K. T. Wright, B. S., *Field Asst. in Dairy Cost Accounting.*

*†R. H. Wilcox, M. S., *Asst. Prof. and Asst. in Farm Organ. and Mgt.*

Home Economics:

*‡Ruth A. Wardall, A. M., *Head of Dept., Vice Dir. of Home Econ. Ext.*

*Helen L. Agar, B. S., *Instr. Clothing.*

*Irene M. Barnes, B. S., *Instr. Costume Design.*

*Harriet T. Barto, A. M., *Asst. Prof. Dietetics.*

*Katherine Bazore, B. S., *Instr. Home Econ.*

*Marian Breckenridge, B. A., *Instr. Nutr.*

*Mina B. Coon, B. S., *Asst. in Cafeteria.*

*Hilda M. Croll, M. A., *Asst. Prof. Nutr.*

*Nathalie K. Fitch, M. A., *Assoc. in Foods.*

*Carlotta M. Ford, M. A., *Assoc. in Home Mgt.*

*Katherine B. Gunn, B. S., *Instr. Foods.*

*Bernice Huddlestun, *Lab. Asst. in Nutr.*

*Eda A. Jacobsen, A. M., *Asst. Prof. Clothing.*

*Helen E. McCullough, M. A., *Assoc. in Textiles.*

*Anna M. Schreiber, M. A., *Instr. Foods.*

*E. Evelyn Smith, M. A., *Assoc. in Home Econ.*

*Virginia H. Weaver, M. A., *Assoc. in Home Decoration.*

*Mary C. Whitlock, M. A., *Assoc. in Clothing.*

*‡Kathryn G. Van Aken, A. B., *Asst. Prof. and State Leader in Home Econ. Ext.*

‡Lucile Allen, B. S., *Asst. State Leader, Home Econ. Ext.*

‡Grace B. Armstrong, M. A., *Foods and Nutr. Specialist.*

‡Edna R. Gray, S. B., *Clothing Specialist.*

‡Mary A. McKee, A. B., *Specialist in Junior Club Work.*

‡Annie L. Maxwell, B. S., *Home Furnishings Specialist.*

‡M. Attie Souder, B. S., *Home Mgt. Specialist.*

‡Nathalie Vasold, B. S., *Specialist in Junior Club Work.*

Horticulture:

*†J. C. Blair, Sc. D., *Head of Dept. Prof. and Chief in Hort.*

*†H. W. Anderson, Ph. D., *Assoc. Prof. and Assoc. Chief in Pomol. Path.*

*Harland Bartholomew, C. E., *Asst. Prof. Civic Design.*

*†W. S. Brock, B. S., *Asst. Prof. and Asst. Chief in Systematic Pomol.*

*†A. S. Colby, Ph. D., *Assoc. Prof. and Assoc. Chief in Pomol.*

*†C. S. Crandall, M. S., *Prof. Pomol.; Chief in Plant Brdg.*

[1] Courses given in College of Commerce.

[2] Courses given in College of Education.

[3] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Horticulture—Continued.
*†S. W. Decker, B. S., *Asst. in Flor.*
*†H. B. Dorner, M. S., *Prof. and Chief in Flor.*
*†M. J. Dorsey, Ph. D., *Prof. and Chief in Pomol.*
*†C. A. Garner, M. S., *Assoc. in Oler.*
†M. C. Gillis, Ph. D., *Research Asst. in Oler.*
*†S. W. Hall, B. S., *Asst. Prof. and Asst. Chief in Flor.*
*†W. A. Huelsen, B. S., *Assoc. in Oler.*
†James Hutchinson, *Assoc. in Flor.*
*†V. W. Kelley, M. S., *Assoc. in Pomol.*
†L. A. Koritz, B. S., *Research Asst. in Oler.*
†E. P. Lewis, M. S., *Assoc. in Oler.* (*P. O., Des Plaines*).
*†J. W. Lloyd, Ph. D., *Prof. and Chief in Oler.*
*K. B. Lohmann, M. L. A., *Assoc. Prof. Landsc. Gard.*

Horticulture—Continued.
*May E. McAdams, B. S., *Assoc. in Landsc. Gard.*
†R. L. McMunn, B. S., *Research Asst. in Pomol.*
‡R. S. Marsh, Ph. D., *Asst. Prof. Hort. Ext.*
†H. M. Newell, B. S., *Asst. in Fruit and Veg. Marketing.*
*L. I. Peterson, B. S., *Assoc. in Landsc. Gard.*
*†W. A. Ruth, Ph. D., *Assoc. Prof. and Assoc. Chief in Pomol. Physiol.*
*O. G. Schaffer, B. S., *Assoc. in Landsc. Gard.*
‡B. L. Weaver, B. S., *Asst. in Veg. Gard. Ext.*
*†F. F. Weinard, Ph. D., *Assoc. in Flor. Physiol.*
*S. H. White, M. L. A., *Asst. Prof. Landsc Gard.*

Miscellaneous:
*†Mary G. Burwash, A. B., B. L. S., *Libr.*

INDIANA

Purdue University (the School of Agriculture, the Agricultural Experiment Station, and the Departments of Home Economics and Agricultural Extension), *La Fayette*

*College faculty. †Station staff. ‡Extension staff

*E. C. Elliott, Ph. D., *President of University*
*†J. H. Skinner, B. S., *Dean School of Agr.*
††G. I. Christie, D. Sc., *Dir. of Sta., Dir. Dept. of Agr. Ext.*
†H. J. Reed, *Asst. Dir. of Sta., Farm Dir.*

Agronomy:
*†M. L. Fisher, M. S., *Head of Dept. Asst. Dean School of Agr.; Asst. Chief in Soils and Crops.*
*F. E. Robbins, M. S., *Assoc. Prof. Crop Prod.*
*J. P. Seaton, B. S., *Instr. Soils.*
*R. C. E. Wallace, B. S., *Prof. Soils.*

Animal Husbandry:
Dean Skinner *in charge.*
†F. G. King, B. S., *Asst. Chief in An. Husb.*
‡P. T. Brown, B. S., *Assoc. in An. Husb.*
*†R. B. Cooley, B. S., *Asst. Prof. An. Husb.; Secy. Stallion Enrollment Board.*
*C. F. Gobble, M. Agr., *Assoc. Prof. An. Husb.*
‡Claude Harper, M. S., *Assoc. in An. Husb.*
*R. L. McCally, B. S., *Instr. An. Husb.*
*B. E. Pontius, M. S., *Asst. Prof. An. Husb.*
‡J. W. Schwab, B. S., *Assoc. in An. Husb.*
*W. W. Smith, M. S., M. Agr., *Prof. An. Husb.*
†C. M. Vestal, B. S., *Assoc. in An. Husb.*
†J. R. Wiley, B. S., *Assoc. in An. Husb.*

Biology:
*Stanley Coulter, Ph. D., LL. D., *in charge.*
*I. L. Baldwin, M. S., *Asst. Prof. Bact.*
*C. A. Behrens, Ph. D., *Prof. Bact.*
*D. W. Creel, B. S., *Asst. in Bact.*
*K. L. Dickens, B. S., *Asst. in Biol.*
*D. H. Dunham, M. S., *Instr. Biol.*
*H. E. Enders, Ph. D., *Prof. Zool. in charge Gen. Biol.*
*Elizabeth O. Hassenzahl, M. S., *Instr. Biol.*
*C. M. James, M. S., *Instr. Anat. and Physiol.*
*G. D. Kennedy, B. S., *Asst. in Bact.*

Botany:
†H. S. Jackson, A. B., *in charge.*
*E. G. Campbell, Ph. D., *Asst. Prof. Bot.*
†L. E. Compton, B. S., *Field Asst. in Plant Path.* (*Detailed by U. S. D. A.*).
†M. W. Gardner, Ph. D., *Assoc. in Bot.*

Botany—Continued.
‡C. T. Gregory, Ph. D., *Assoc. in Bot.*
††A. A. Hansen, M. S., *Assoc. in Bot.*
†G. N. Hoffer, D. Sc., *Assoc. in Bot.* (*Coop. U. S. D. A.*).
†J. B. Kendrick, Ph. D., *Asst. in Bot.*
*E. J. Kohl, M. S., *Instr. Bot.*
‡W. E. Leer, M. S., *State Leader of Barberry Erad.*
†E. B. Mains, Ph. D., *Assoc. in Bot.* (*Coop. U. S. D. A.*).
*C. L. Porter, Ph. D., *Asst. Prof. Plant Path. and Physiol.*
†G. M. Smith, M. S., *Asst. Path.* (*Detailed by U. S. D. A.*).
†R. R. St. John, B. S., *Asst. in Corn Disease Invest.*
†Dorothy M. Thompson, M. S., *Asst. in Bot.*
†J. F. Trost, M. S., *Asst. Path. in Bot.*
†R. A. Weaver, B. S. Ch. E., *Asst. in Bot.* (*Coop. U. S. D. A.*).

Chemistry:
*R. H. Carr, Ph. D., *Prof. Agr. Chem.*
*F. J. Allen, M. S., *Instr. Gen. Chem.*
*F. N. Alquist, A. B., *Asst. in Chem.*
*P. H. Brewer, A. B., *Instr. Agr. Chem.*
*Marjorie Clark, M. S., *Asst. in Chem.*
*Edith N. Evans, B. S., *Asst. in Chem.*
*G. K. Foresman, M. S., *Instr. Org. Chem.*
†S. M. Hauge, M. S., *Research Assoc. in Biochem.*
*P. R. Judy, M. S., *Instr. Qualitative Anal.*
*R. P. Lutz, B. S., *Asst. in Gen. Chem.*
*F. J. McClure, M. S., *Instr. Gen. Chem.*
*F. D. Martin, M. S., *Instr. Gen. Chem.*
*J. R. Matchett, B. S., *Asst. in Chem.*
*M. G. Mellon, Ph. D., *Assoc. Prof. Anal. Chem.*
*A. R. Middleton, Ph. D., *Prof. Inorg. Chem.*
*R. E. Nelson, Ph. D., *Assoc. Prof. Org. Chem.*
*L. A. Test, Ph. D., *Prof. Gen. Chem.*
*J. B. Tindall, B. S., *Asst. in Chem.*

Dairy Husbandry:

*†H. W. Gregory, M. S., *in charge.*
†T. H. Binney, M. S., *Asst. in Creamery Insp.*
*K. V. Bryan, M. S., *Asst. Prof. Dairying.*
‡R. D. Canan, M. S., *Asst. in Dairy Husb.*
†W. F. Epple, Ph. G., B. S., *Asst. Dairy Chem.*
*†L. H. Fairchild, B. S., *Assoc. Prof. Dairying; Assoc. in Milk Prod.*
*E. L. Fouts, B. S., *Asst. in Dairying.*
‡E. A. Gannon, B. S., *Assoc. Dairy Husb.*
†W. G. Goss, B. S., *Assoc. in charge Creamery Insp.*
†H. G. Hall, B. S., *Asst. in Creamery Insp.*
†V. C. Manhart, B. S., *Asst. in Dairy Mfrs.*
*†E. H. Parfitt, M. S., *Instr. Dairy Bact.; Dairy Bact.*
†V. D. Rhodes, B. S., *Asst. in Creamery Insp.*
*R. E. Roberts, B. S., *Instr. Dairying, Supt. of Creamery.*
†George Spitzer, Ph. G., B. S., *Assoc. in Dairy Chem.*
†J. W. Wilbur, M. S., *Asst. in Dairy Prod.*
‡G. A. Williams, M. S., *Asst. in Dairy Husb.*

Economics—*See* **Farm Management.**

Education (Agr.):

*S. S. Cromer, B. S., *Prof. Agr. Ed.*
*J. R. Behr, B. S., *Asst. in Voc. Agr.*
*R. W. Gregory, M. S., *Instr. Voc. Agr. Teacher Training.*
*C. W. Hemmer, B. S., *Asst. in Voc. Agr.*
*S. B. Pershing, B. S., *Asst. in Voc. Agr.*

Engineering (Rural):

*†William Aitkenhead, M. E., M. A., *Prof. Farm Mech.; Chief in Rural Engin.*
*C. C. Cunningham, B. S. C. E., *Asst. Prof. Farm Mech.*
*R. B. Goss, *Instr. Farm Mech.*
‡T. E Hienton, B. S., *Asst. in Agr. Engin.*
*F. C. Lewis, A. E., *Asst. Prof. Farm Mech.*
†I. D. Mayer, B. S. C. E., *Asst. in Rural Engin.*
‡R. H. Wileman, B. S., *Asst. Rural Engin.*

Entomology:

*†J. J. Davis, B. S., *in charge.*
†C. R. Cleveland, B. A., *Asst. Ent.*
*C. O. Dirks, M. S., *Instr. Ent.*
†G. C. Oderkirk, B. S., *Rodent Control Work (Detailed by U. S. D. A.).*
*W. A. Price, M. S., *Assoc. Prof. Ent.*
*James Troop, M. S., *Prof. Ent.*

Extension (Admin.):[1]

Director Christie *in charge.*
‡T. A. Coleman, *Asst. Dir. and County Agt. Leader.*
‡Lella R. Gaddis, *State Home Dem. Leader.*
‡Z. M. Smith, A. M., *State Club Leader.*
‡E. L. Austin, B. S., *Assoc. State Club Leader.*
‡W. Q. Fitch, B. S., *State Leader of Farmers Institutes.*
‡G. M. Frier, B. S., *Assoc. in charge Short Courses and Exhibits.*
‡W. F. Graham, B. S., *Asst. in Short Courses and Exhibits.*
‡M. L. Hall, B. S., *Asst. State Club Leader.*
‡Mabel L. Harlan, *Admin. Asst.*

Extension—Continued.

‡L. E. Hoffman, B. S., *Asst. County Agt. Leader.*
‡T. R. Johnston, *in charge Informational Service.*
‡W. V. Kell, *Asst. County Agt. Leader.*
*‡W. C. Latta, M. S., *Prof. and Consult. Specialist in Agr.*
‡Meta E. Martin, B. S., *Asst. State Home Dem. Leader.*
‡May A. Masten, B. S., *Asst. State Club Leader.*
‡F. M. Shanklin, A. M., *Asst. State Club Leader.*
‡Neva M. Stephenson, B. S., *Asst. State Club Leader.*

Farm Management and Rural Economics:

*†O. G. Lloyd, M. S., *in charge.*
*‡O. F. Hall, A. B., S. T. B., *Assoc. in Rural Life Studies.*
*J. B. Kohlmeyer, B. S., *Asst. in Farm Mgt.*
†L. G. Hobson, B. S., *Asst. in Farm Mgt.*
†M. H. Overton, B. S., *Assoc. in Farm Mgt.*
*W. E. Paulson, Ph. D., *Asst. Prof. Farm Mgt. and Rural Econ.*
‡L. S. Robertson, B. S., *State Leader in Farm Mgt. Dem.*
*†E. C. Young, Ph. D., *Assoc. Prof. Farm Mgt. and Rural Econ.; Asst. in Farm Mgt.*
†G. E. Young, B. S., *Asst. in Farm Mgt.*

Forestry:

*B. N. Prentice, B. A., M. F., *Assoc. Prof. For.*

Home Economics:[2]

*†Mary L. Matthews, B. S., *in charge.*
*Emma A. Baie, A. M., *Assoc. Prof. Home Econ. Ed.*
‡Aneta P. Beadle, B. S., *Asst. in Home Econ.*
*Mrs. Mildred M. Beisel, B. S., *Asst. in Foods.*
*Amy I. Bloye, Ph. B., *Asst. Prof. Foods.*
*Helen J. Bosard, A. M., *Asst. in Voc. Home Econ.*
*Laura J. Cheney, M. A., *Asst. Prof. Home Mgt.*
‡Nelle K. Flaningham, *Asst. in Home Econ.*
*M. Edith Gamble, M. A., *Assoc. Prof. Home Econ.*
*Amy Howe, Ph. B., *Asst. Prof. Home Econ.*
*Lyla M. Iles, M. A., *Instr. Institution Econ.*
†Ruth Jordan, B. S., *Asst. in Home Econ.*
‡Kathryn L. McMahon, B. S., *Asst. in Home Econ.*
‡Mrs. Helen V. McKinley, B. S., *Asst. in Home Econ.*
*Marguerite G. Mallon, M. S., *Asst. Prof. Nutr.*
‡Flora Miller, B. S., *Asst. in Home Econ.*
*Edith Palmer, B. S., *Asst. Prof. Design.*
*Philena Palmer, M. S., *Instr. Clothing.*
*Laura A. Partch, B. S., R. N., *Instr. Child Care and Home Nursing.*
*Gladys C. Peckinpaugh, B. S., *Asst. in Clothing.*
*Marie E. Schrass, B. S., *Instr. Clothing.*
*Marian A. Willoughby, *Instr. Clothing.*

Horticulture:

*†Laurenz Greene, M. S., *in charge.*
*O. G. Anderson, B. S., *Prof. Hort.*
†C. E. Baker, B. S., *Asst. in Pomol.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.
[2] Given in School of Science.

Horticulture—Continued.
*†H. D. Brown, M. S., *Assoc. Prof. and Research Assoc. in Veg. Gard.*
‡C. L. Burkholder, B. S., *Assoc. in Hort.*
†F. P. Cullinan, B. S., *Research Assoc. in Pomol.*
†L. D. Davis., B. S., *Asst. in Hort.*
†F. C. Gaylord, B. S., *Assoc. in Hort.*
†I. C. Hoffman, M. S., *Asst. in Veg. Gard.*
‡E. R. Lancashire, M. S., *Asst. in Hort.*
*W. E. Lommel, B. S., *Assoc. Prof. Hort.*
†J. H. MacGillivray, Ph. D., *Research Asst. in Hort.*
*†V. H. Ries, M. S., *Asst. Prof. and Asst. in Flor.*
*E. C. Stair, M. S., *Instr. Hort.*
†A. H. Watson, B. S., *Research Asst. in Hort.*

Physics:
*E. S. Ferry, B. S., *in charge.*
*Elizabeth A. Mitchell, A. M., *Instr. Phys.*
*J. G. Moorhead, M. A., *Asst. in Phys.*

Poultry Husbandry:
*‡A. G. Philips, B. S., *in charge.*
*†F. D. Brooks, B. S., *Instr. and Asst. in Poultry Husb.*
†C. W. Carrick, M. S., *Assoc. in Poultry Husb.*
‡E. D. Griffin, B. S., *Asst. in Poultry Husb.*
†R. W. Prange, B. S., *Asst. Poultry Husb.*
‡P. G. Riley, B. S., *Assoc. in Poultry Husb.*
‡M. A. Seaton, B. S., *Asst. in Poultry Husb.*
*†L. H. Schwartz, B. S., *Assoc. Prof. and Asst. Poultry Husb.*

Regulatory (State Chem. and Seed Work):
†O. S. Roberts, B. S., *Actg. State Chem. and Seed Commissioner.*
†W. C. Aitkenhead, M. S., *Deputy State Chem.*
†R. O. Bitler, B. S., *Deputy State Chem.*
†G. G. Carter, B. S., *Insp. State Chem. Dept.*
†P. B. Curtis, B. S., *Deputy State Chem.*
†J. B. Folk, B. S., *Insp. State Chem. Dept.*
†O. W. Ford, A. B., *Deputy State Chem.*
†L. E. Horat, *Deputy State Chem.*
†Jane C. Kinsella, B. S., *Sci. Asst. in Agr. Seed Control.*

Regulatory—Continued.
†Alice S. Martin, *Asst. Seed Analyst.*
†L. W. Moore, B. S., *Insp. State Chem. Dept.*
†Edith M. Patt, *Seed Analyst.*
†M. H. Thorton, B. S., *Deputy State Chem.*

Soils and Crops:
*†A. T. Wiancko, B. S., *Chief in Soils and Crops. Prof. Agron.*
†H. R. Adams, M. S., *Asst. in Soil Survey.*
‡K. E. Beeson, B. S., *Asst. in Soils and Crops.*
†T. M. Bushnell, B. S., *Assoc. in Soil Survey.*
†S. D. Connor, M. S., *Research Chem.*
†R. R. Mulvey, B. S., *Assoc. in Crops.*
‡M. O. Pence, M. S., *Assoc. in Soils and Crops.*
†M. J. Plice, B. S., *Asst. in Soils and Crops.*
*G. P. Walker, B. S., *Assoc. in Soils.*

Statistics (Agr.):
†M. M. Justin, M. S., *Agr. Statistician in charge.*
†O. A. Day, B. S., *Junior Agr. Statistician.*

Veterinary Science:
*†R. A. Craig, D. V. M., *in charge.*
†L. R. George, B. S., *Asst. An. Path.*
†F. P. Mathews, B. S., D. V. M., *Asst. Vet.*
*†G. H. Roberts, V. S., V. M. D., *Assoc. Prof. Vet. Sci.; Assoc. Vet.*
†F. L. Walkey, D. V. M., *Asst. An. Path.*
*†R. A. Whiting, D. V. M., *Instr. Vet. Sci.; Assoc. in An. Path.*

Miscellaneous:
†‡J. C. Allen, *Photog.*
*W. M. Hepburn, M. A., B. L. S., *Libr.*

Substations:
Herbert Davis Forestry Farm, *P. O., Farmland*—L. E. Hampton, *Supt.*
Moses Fell Annex, *P. O., Bedford*—E. W. Moore, *Supt.*
Pinney-Purdue Farm, *P. O., Wanatah*—R. H. Bamer, *Supt.*
Purdue Vincennes Expt. Sta., *P. O., Vincennes*—Arthur Goss, M. S., *Supt.*

IOWA

Iowa State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station,

Ames

*College faculty. †Station staff. ‡Extension staff

*R. A. Pearson, M. S., LL. D., D. Agr., D. Sc., *President*
*†C. F. Curtiss, D. Sc., *Dean Div. of Agr., Dir. of Sta.*
‡R. K. Bliss, B. S., *Dir. of Agr. Ext.*

Animal Husbandry:
*†H. H. Kildee, M. S., *Head of Dept., Vice Dean of Coll.; Chief An. Husb.*
*†Earl Weaver, M. S., *Prof. and Chief in Dairy Husb.*
*†H. A. Bittenbender, B. S., *Prof. and Chief in Poultry Husb.*
*A. L. Anderson, M. S., *Assoc. Prof. An. Husb.*
‡J. H. Bardsley, M. S., *Ext. Asst. Prof. Poultry Husb.*
‡Rex Beresford, B. S., *Ext. Prof. An. Husb.*
*C. A. Burge, M. S., *Instr. An. Husb.*
*†A. B. Caine, M. S., *Assoc. Prof. An. Husb.; Chief in Horse Invest.*
*†R. L. Cochran, M. S., *Asst. Prof. and Asst. Chief in Poultry Husb.*

Animal Husbandry—Continued.
†C. C. Culbertson, M. S., *Asst. Chief in An. Husb.*
*†Fordyce Ely, M. S., *Assoc. Prof. and Asst. Chief in Dairy Husb.*
*†D. L. Espe, *Dairy Farm Foreman.*
*†J. M. Evvard, M. S., *Prof. An. Husb.; Chief in Swine, Sheep, and Beef Cattle Prod.*
*J. G. Hammer, *Farm Supt.*
†W. E. Hammond, M. S., *Supt. An. Husb. Expts.*
*†M. D. Helser, M. S., *Prof. An. Husb.; Chief in Meat Invest.*
*J. C. Holbert, M. S., *Instr. An. Husb.*
*†M. L. Jones, *Supt. Poultry Farm.*
*†C. W. Knox, M. S., *Instr. and Asst. Poultry Husb.*

Animal Husbandry—Continued.

*W. F. LaGrange, B. S., *Prof. An. Husb.*[1]
‡C. W. McDonald, M. S., *Ext. Assoc. Prof. An. Husb.*
‡B. S. Oderkirk, M. S., *Ext. Prof. Dairy Prod.*
‡E. L. Quaife, B. S., *Ext. Assoc. Prof. An. Husb.*
‡E. J. Rood, *Ext. Asst. Prof. Poultry Husb.*
†J. A. Schulz, M. S., *Chief in Nutr.*
*†J. M. Shaw, M. S., *Asst. Prof. and Asst. Chief in Dairy Husb.*
*†P. S. Shearer, B. S., *Prof. An. Husb.; Chief in An. Brdg.*
‡R. W. Snyder, M. S., *Ext. Asst. Prof. An. Husb.*
‡J. N. Spencer, *Ext. Asst. in Dairy Prod.*
*R. S. Stephenson, M. S., *Assoc. Prof. An. Husb.*
†Q. W. Wallace, M. S., *Asst. in An. Husb.*

Bacteriology:

*†R. E. Buchanan, Ph. D., *Head of Dept. and Dean of Grad. Coll.; Chief Bact.*
*Max Levine, Ph. D., *Prof. Bact.*
*J. C. Weldin, M. S., *Instr. Bact.*
*†C. H. Werkman, Ph. D., *Asst. Prof. and Asst. Bact.*

Botany and Plant Pathology:

*†L. H. Pammel, Ph. D., D. S., *Head of Dept.; Chief Bot.*
*†I. E. Melhus, Ph. D., *Prof. and Chief in Plant Path.*
*†A. L. Bakke, Ph. D., *Prof. Plant Physiol.; in charge Plant Physiol.*
*E. F. Castetter, Ph. D., *Asst. Prof. Bot.*
*R. I. Cratty, *Curator.*
*Stuart Dunn, M. S., *Instr. Plant Path.*
†O. H. Elmer, Ph. D., *Asst. Plant Path.*
*V. C. Fisk, B. S., *Instr. Bot.*
*J. C. Gilman, Ph. D., *Assoc. Prof. Plant Path.*
*Ada Hayden, Ph. D., *Asst. Prof. Bot.*
†Charlotte M. King, *Asst. Chief Bot.*
*†J. N. Martin, Ph. D., *Prof. Plant Morphol. and Cytology; Asst. Bot.*
*R. G. Reeves, M. S., *Instr. Bot.*

Chemistry:

*W. F. Coover, A. M., *Head of Dept.*
†W. G. Gaessler, M. S., *Actg. Chief Chem.*
*L. T. Anderegg, Ph. D., *Asst. Prof. Chem.*
*F. E. Brown, Ph. D., *Prof. Gen. and Inorg. Chem.*
*J. H. Buchanan, M. S., *Assoc. Prof. Food and Sanitary Chem.*
*J. A. Burrows, Ph. D., *Instr. Chem.*
*J. J. Canfield, M. S., *Instr. Chem.*
*O. W. Chapman, M. S., *Instr. Chem.*
*N. A. Clark, Ph. D., *Asst. Prof. Soils Chem.*
*W. W. Duecker, B. S., *Instr. Chem.*
*Rachel H. Edgar, Ph. D., *Asst. Prof. Chem.*
*Roma Elmer, M. S., *Asst. Chem.*
*E. I. Fulmer, Ph. D., *Prof. Biophys. Chem.*
†Fisk Gerhardt, M. S., *Asst. Chem.*
*Henry Gilman, Ph. D., *Prof. Org. Chem.*
*Anson Hayes, Ph. D., *Prof. Phys. Chem.*
*L. C. Heckert, B. S., *Instr. Chem.*

[1] Noncollegiate course.

Chemistry—Continued.

*R. M. Hixon, Ph. D., *Asst. Prof. Plant Chem.*
†R. L. Jones, M. S., *Chem. Tech.*
*O. E. Lowman, M. S., *Asst. Chem.*
*H. M. McLaughlin, Ph. D., *Instr. Chem.*
*Nellie M. Naylor, Ph. D., *Asst. Prof. Inorg. Chem.*
*V. E. Nelson, M. S., *Prof. Physiol. Chem. and Nutr.*
*J. B. Quig, B. S., *Instr. Chem.*
*E. M. Roller, M. S., *Instr. Chem.*
†J. A. Schulz, M. S., *Asst. Chem.*
*J. B. Shumaker, M. S., *Instr. Chem.*
*R. B. Waite, M. S., *Instr. Chem.*
*J. A. Wilkinson, Ph. D., *Prof. Inorg. and Anal. Chem.*
†Lester Yoder, M. S., *Asst. Chem.*

Dairying:

*†Martin Mortensen, B. S., *Head of Dept.; Chief in Dairying.*
*†B. W. Hammer, Ph. D., *Prof. and Chief in Dairy Bact.*
*†L. T. Anderegg, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Chem.*
†M. P. Baker, M. S., *Asst. in Dairying.*
‡J. J. Brunner, *Ext. Asst. Prof. Dairy Mfrs.*
*W. D. Elliott, B. S., *Instr. Dairying.*
*E. F. Goss, M. S., *Assoc. Prof. Dairying.*[1]
‡H. A. Harmison, B. S., *Ext. Asst. in Dairying*
*F. C. Hinze, *Instr. Dairying.*
*L. S. Hyde, M. S., *Instr. Dairying.*
*C. A. Iverson, M. S., *Assoc. Prof. Dairying.*
‡A. W. Rudnick, B. S., *Ext. Prof. Dairy Mfrs.*

Economics (Agr.):

*†C. L. Holmes, Ph. D., *Head of Dept.; Chief Agr. Econ. Sec.*
*†P. L. Miller, M. A., *Assoc. Prof. and Asst. Chief Agr. Econ. Sec.*
‡L. G. Allbaugh, B. S., *Ext. Asst. Prof. Farm Mgt.*
*†Knute Bjorka, M. S., *Asst. Prof. and Asst. in Agr. Econ. and Farm Mgt.*
‡E. L. Cady, M. S., *Ext. Asst. Prof. Marketing.*
*†H. C. Frame, M. A., *Asst. Prof. and Asst. in Agr. Econ.*
‡J. C. Galloway, B. S., *Farm Mgt. Dem.*
*†F. L. Garlock, M. A., *Asst. Prof. and Asst. in Agr. Econ.*
*W. L. Harter, M. S., *Assoc. Prof. Agr. Econ.*
*†H. B. Hawthorn, Ph. D., *Asst. Prof. and Asst. in Rural Sociol.*
*†J. A. Hopkins, jr., Ph. D., *Assoc. Prof. and Asst. in Agr. Econ.*
†E. B. Hurd, M. S., *Research Asst. in Agr. Econ.*
†Albert Mighell, M. S., *Asst. in Agr. Econ.*
†Millard Peck, B. S., *Asst. in Agr. Econ.*
*†Frank Robotka, M. S., *Asst. Prof. and Asst. in Agr. Econ.*
‡W. H. Stacy, M. S., *Ext. Assoc. Prof. Rural Organ.*
‡S. H. Thompson, M. S., *Ext. Prof. Agr. Econ.*
*†G. H. Von Tungeln, M. A., *Prof. and Asst. in charge Rural Sociol.*

Editorial—*See* **Journalism.**

Education (Voc.-Agr.):
*W. H. Lancelot, B. S., *Head of Dept.*
*P. I. Barker, B. S., *Instr. Voc. Ed.*
*W. H. Bender, M. S., *Assoc. Prof. Voc. Ed.*
*La Vern Buckton, M. S., *Instr. Voc. Ed.*
*W. F. Cramer, M. S., *Instr. Voc. Ed.*
*H. M. Hamlin, M. S., *Assoc. Prof. Voc. Ed.*
*Barton Morgan, M. S., *Instr. Voc. Ed.*
*A. A. Sather, B. S., *Instr. Voc. Ed.*
*J. A. Starrak, M. S., *Asst. Prof. Voc. Ed.*
*H. B. Swanson, M. S., *Instr. Voc. Ed.*

Engineering (Agr.):
*†J. B. Davidson, B. S. M. E., A. E., *Head of Dept.; Chief of Agr. Engin. Sec.*
*Q. C. Ayres, B. S., C. E., *Assoc. Prof. Agr. Engin.*
‡A. W. Clyde, B. S. A. E., *Ext. Prof. Agr. Engin.*
†E. V. Collins, B. S. A. E., *Asst. Chief Agr. Engin. Sec.*
*F. C. Fenton, B. S. A. E., *Assoc. Prof. Agr. Engin.*
†Henry Giese, B. S., *Asst. in Agr. Engin.*
*H. F. Hertz, *Instr. Agr. Engin.*
*E. M. Mervine, M. E., *Prof. Agr. Engin.*
*M. A. Sharp, B. S., *Asst. Prof. Agr. Engin.*
‡H. H. Sunderlin, B. S. A. E., *Ext. Assoc. Prof. Agr. Engin.*
*A. W. Turner, B. S. A. E., *Assoc. Prof. Agr. Engin.*[1]

Entomology—*See* **Zoology.**

Extension (Admin.):[2]
Director Bliss *in charge.*
‡Murl McDonald, B. S., *Asst. Dir.* (*County Agt. Leader*).
‡P. C. Taff, B. S., *Asst. Dir.* (*State Club Leader*).
‡Neale S. Knowles, *State Home Dem. Leader.*
‡Josephine E. Arnquist, B. S., *Asst. State Club Leader.*
‡Mrs. Edith P. Barker, *Asst State Club Leader.*
‡W. L. Harper, *Secy.*
‡H. J. Metcalf, *in charge Information Service.*
‡Florence Packman, M. S., *Asst. State Club Leader.*
‡J. S. Quist, B. S., *Asst. State Club Leader.*
‡F. P. Reed, B. S., *Asst. State Club Leader.*
‡Avis Talcott, B. S., *Asst. State Home Dem. Leader.*

Farm Crops and Soils:
*†W. H. Stevenson, D. Sc., *Head of Dept.; Vice Dir. of Sta. and Chief Agron. Dir. of Soil Survey.*
*†P. E. Brown, Ph.D., *Prof. Soils; Chief Soil Chem. and Bact. Assoc. Dir. of Soil Survey.*
†L. C. Burnett, M. S., *Chief in Cereal Brdg.* (*Coop. U. S. D. A.*)
†L. W. Forman, M. S., *Chief in Field Expts.*
*†H. D. Hughes, M. S., *Prof. and Chief in Farm Crops.*
†W. G. Baker, M. S., *Asst. in Field Expts.*
†T. H. Benton, M. S., *Soil Surveyor.*
†Bryan Boatman, B. S., *Asst. in Field Expts.*
‡J. L. Boatman, M. S., *Ext. Assoc. Prof. Soils.*
‡F. G. Churchill, B. S., *Ext. Prof. Farm Crops and Soils.*

Farm Crops and Soils—Continued.
*C. S. Dorchester, M. S., *Asst. Prof. Farm Crops.*
‡E. S. Dyas, *Ext. Asst. Prof. Farm Crops and Soils.*
*J. C. Eldridge, M. S., *Asst. Prof. Farm Crops.*
*Paul Emerson, Ph. D., *Assoc. Prof. Soils.*
*†L. W. Erdman, Ph. D., *Asst. Prof. Soils; Asst. Chief in Soil Bact.*
*B. J. Firkins, M. S., *Asst. Prof. Soils.*
†D. S. Gray, B. S., *Soil Surveyor.*
‡M. A. Hauser, B. S., *Ext. Prof. Farm Crops and Soils.*
*E. R. Henson, M. S., *Asst. Prof. Farm Crops.*
*D. R. Johnson, M. S., *Assoc. Prof. Soils.*
†A. M. O'Neal, B. S., *Soil Surveyor.*
†C. L. Orrben, B. S., *Soil Surveyor.*
*O. E. Overseth, M. S., *Instr. Soils.*
†J. L. Robinson, M. S., *Supt. Coop. Expts.*
*R. M. Vifquain, M. A., *Assoc. Prof. Farm Crops and Soils.*[1]
*J. B. Wentz, M. S., *Assoc. Prof. Farm Crops.*
†F. S. Wilkins, M. S., *Asst. Chief in Forage Crops.*

Genetics:
*†E. W. Lindstrom, Ph. D., *Head of Dept.; Chief Geneticist.*
*M. R. Irwin, M. S., *Asst. in Genetics.*
*†W. V. Lambert, M. S., *Instr. and Asst. in Genetics.*

Home Economics:
*Anna E. Richardson, M. A., *Dean of Div.*
*Margaret H. Haggart, M. A., *Actg. Head Foods and Nutr. Work.*
*Joanna M. Hansen, M. A., *Head Applied Art Work.*
*Cora B. Miller, M. A., *Assoc. Prof. and Head Voc. Ed. Home Econ.*
*Frances A. Sims, Ph.D., *Head Textiles and Clothing Work.*
*Ida A. Anders, B. S., *Asst. Prof. Voc. Ed. Home Econ.*
‡Margaret M. Baker, M. S., *Foods and Nutr. Specialist.*
*Susan L. Bates, B. S., *Assoc. Prof. Textiles and Clothing.*
*Viola M. Bell, M. A., *Assoc. Prof. Foods and Nutr.*
‡Hazel I. Bown, B. S., *Clothing Specialist.*
*Iva L. Brandt, M. S., *Prof. Textiles and Clothing.*
*Mrs. Lulu M. Brandt, B. S., *Instr. Textiles and Clothing.*
*Agnes Broemel, B. S., *Instr. Applied Art.*
*Mrs. Linda S. Brown, M. A., *Assoc. Prof. Institutional Admin.*
‡Ruth B. Cessna, M. A., *Foods and Nutr. Specialist.*
‡Lloyd Church, B. S., *Foods and Nutr. Specialist.*
*Katherine T. Cranor, A. M., *Prof. Textiles and Clothing.*
*Eloise Davison, B. S., *Asst. Prof. Household Admin.*
*Ruetta T. Day, M. A., *Asst. Prof. Foods and Nutr.*

Noncollegiate course.
[2] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.

Home Economics—Continued.

*Pauline H. Drollinger, M. S., *Instr. Voc. Ed. Home Econ.*
‡Mildred Elder, B. S., *Clothing Specialist.*
*Georgia B. Elwell, B. S., *Assoc. Prof. Home Econ.*[1]
*Florence Faust, B. A., *Instr. Textiles and Clothing.*
*Mabel C. Fisher, *Assoc. Prof. Applied Art.*
*Regina J. Friant, Ph. B., M. A., *Asst. Prof. Voc. Ed. Home Econ.*
*Mary L. Gabrielson, M. A., *Instr. Textiles and Clothing.*
‡Fannie Gannon, *Home Mgt. Specialist.*
*Laura V. Holmes, Ph. B., *Instr. Applied Art.*
*Elizabeth E. Hoyt, Ph. D., *Assoc. Prof. Household Admin. and Econ.*
*Elizabeth Johnson, B. S., *Instr. Applied Art.*
‡Mrs. Alma H. Jones, M. S., *Specialist in Child Care and Parent Training.*
‡Ruby Kassell, B. A., *Clothing Specialist.*
*Mrs. Daisy H. Kilgore, Ph. B., *Instr. Voc. Ed. Home Econ.*
*Mrs. Lulu R. Lancaster, B. S., *Asst. Prof. Household Admin.*
*Ruth M. Lindquist, M. A., *Assoc. Prof. Household Admin.*
*Belle Lowe, Ph. B., *Assoc. Prof. Foods and Nutr.*
‡Gertrude I. Lynn, M. A., *Home Mgt. Specialist.*
*Winifred McHose, B. S., *Instr. Voc. Ed. Home Econ.*
*Lucy G. Magee, M. A., *Asst. Prof. Foods and Nutr.*
*Mary A. Mason, M. S., *Instr. Household Admin.*
*Eva Montgomery, B. S., *Instr. Foods and Nutr.*
*†P. Mabel Nelson, Ph. D., *Assoc. Prof. and Dir. of Research in Foods and Nutr.*
*Mrs. Henry Ness, *Instr. Home Econ.*[1]
*Edna O'Bryan, *Instr. Applied Art.*
‡Gertrude Owen, A. M., *Clothing Specialist.*
‡Esther Pond, B. S., *Clothing Specialist.*
*Alma Riemenschneider, B. S., *Asst. Prof. Foods and Nutr.*
*Elizabeth Rivers, B. S., *Instr. Household Admin.*
‡Marie Roberts, B. S., *Clothing Specialist.*
*Mabel Russell, Ph. B., *Asst. Prof. Applied Art.*
*Emma L. Samuels, B. S., *Instr. Foods and Nutr.*
*Olive Settles, B. S., *Assoc. Prof. Textiles and Clothing.*
*Ida M. Shilling, M. S., *Asst. Prof. Foods and Nutr.*
‡Allie M. Smith, M. S., *Millinery Specialist.*
*Mrs. Marjorie W. Smith, *Instr. Applied Art.*
*Marie Stephens, B. S., *Asst. Prof. Textiles and Clothing.*
‡Lillie Swanson, B. S., *Foods and Nutr. Specialist.*
*Lydia V. Swanson, B. S., *Instr. Household Admin.*

[1] Noncollegiate course.

Home Economics—Continued.

*Marcia E. Turner, M. A., *Assoc. Prof. Voc. Ed. Home Econ.*
*Lovisa C. Wagoner, Ph. D., *Prof. Household Admin.*
*Elsa Wertheim, Ph. B., *Instr. Applied Art.*
*Maude Williamson, M. A., *Instr. Voc. Ed. Home Econ.*
*Elsie Wilson, B. S., *Instr. Voc. Ed. Home Econ.*
‡L. Mildred Wilson, B. S., *Home Furnishing Specialist.*
‡Nora Workman, B. S., *Home Furnishing Specialist.*
‡Adeline Wurderman, B. S., *Home Furnishing Specialist.*

Horticulture and Forestry:

*†B. S. Pickett, M. S., *Head of Dept.; Chief in Hort. and For.*
*†G. B. MacDonald, M. F., *Prof. and Chief in For.*
*†P. H. Elwood, jr., B. S., *Prof. and Chief in Landsc. Arch.*
†A. T. Erwin, M. S., *Chief in Veg. Crops.*
†T. J. Maney, B. S., *Chief in Pomol.*
‡I. T. Bode, M. S., *Ext. Assoc. Prof. For.*
*Perkins Coville, M. F., *Instr. For.*
*J. C. Cunningham, B. S., *Prof. Hort. and Bot., Supvr. of Noncollegiate Agr.*
‡C. H. Diggs, *Ext. Asst. Prof. Landsc. Arch.*
‡C. L. Fitch, M. A., *Ext. Prof. Veg. Crops.*
†E. S. Haber, M. S., *Asst. Chief in Veg. Crops.*
‡C. V. Holsinger, B. S., *Ext. Prof. Hort.*
*D. S. Jeffers, M. F., *Assoc. Prof. For.*
*H. F. Kenney, B. S., L. A., *Instr. Landsc. Arch.*
†H. L. Lantz, M. S., *Asst. Chief in Pomol.*
*J. A. Larsen, M. F., *Asst. Prof. For.*
‡H. E. Nichols, B. S., *Ext. Assoc. Prof. Hort.*
†H. H. Plagge, M. S., *Asst. Pomol.*
*H. W. Richey, B. S., *Prof. Pomol.*
*R. R. Rothacker, M. S., *Asst. Prof. Landsc. Arch.*
*J. C. Schilletter, M. S., *Instr. Hort.*
*Ora Smith, M. S., *Instr. Veg. Crops.*
*E. C. Volz, M. S., *Assoc. Prof. Flor. and Veg. Crops.*
*W. B. Ward, B. S., *Asst. Prof. Hort.*

Journalism (Tech.):

*††F. W. Beckman, Ph. B., *Head of Dept.; Bul. Editor.*
†Mrs. Olive S. Alcox, *Asst. Bul. Editor.*
*Blair Converse, M. A., *Assoc. Prof. Tech. Journalism.*
††F. E. Ferguson, B. S., *Assoc. Bul. Editor.*
*C. R. F. Smith, B. S., *Instr. Tech. Journalism.*
*R. E. Winfrey, B. S., *Instr. Tech. Journalism.*

Physics:

*L. B. Spinney, B. M. E., B. S. E. E., *Head of Dept.*
*A. C. Bailey, B. S., *Instr. Phys.*
*A. A. Benedict, A. M., *Asst. Prof. Phys.*
*L. W. Butler, A. B., *Asst. Prof. Phys.*
*L. V. Crum, M. S., *Instr. Phys.*
*G. E. Davis, M. S., *Instr. Phys.*

Physics—Continued.
*V. E. Heaton, A. M., *Instr. Phys.*
*William Kunerth, Ph. D., *Assoc. Prof. Phys.*
*E. C. McCracken, B. S., *Instr. Phys.*
*H. J. Plagge, M. A., *Assoc. Prof. Phys.*
*Harold Stiles, Ph. D., *Assoc. Prof. Phys.*
*G. E. Thompson, Ph. D., *Assoc. Prof. Phys.*
*L. H. Willson, B. S., *Asst. Prof. Phys.*
*J. W. Woodrow, Ph. D., *Prof. Phys.*

Veterinary Medicine:
*C. H. Stange, D. V. M., *Dean of Div. and Dir. Vet. Invest.*
*H. E. Bemis, D. V. M., *Vice Dean of Div. and Head of Vet. Surg.*
*E. A. Benbrook, V. M. D., *Head Vet. Path. Dept.*
*H. D. Bergman, D. V. M., *Head Vet. Physiol. and Pharmacol. Dept.*
*H. S. Murphey, D. V. M., *Head Vet. Anat. and Histol. Dept.*
*Charles Murray, Ph. B., B. S., D. V. M., *Head Vet. Invest. Dept.*
*W. A. Aitken, D. V. M., *Asst. Prof. Vet. Anat.*
*H. E. Biester, V. M. D., *Asst. Prof. Vet. Invest.*
*C. H. Covault, D. V. M., *Assoc. Prof. Vet. Med.*
*H. H. Dukes, D. V. M., M. S., *Asst. Prof. Vet. Physiol.*
*W. F. Guard, D. V. M., *Assoc. Prof. Vet. Surg.*
*C. H. Larson, D. V. M., *Instr. Vet. Path.*

Veterinary Medicine—Continued.
*G. W. McNutt, D. V. M., *Instr. Vet. Anat.*
*S. H. McNutt, D. V. M., *Asst. Prof. Vet. Invest.*
*C. D. Rice, B. S., D. V. M., *Assoc. Prof. Vet. Path. and Bact.*
‡K. W. Stouder, D. V. M., *Ext. Prof. Vet. Med.*
*F. E. Walsh, D. V. M., *Asst. Prof. Vet. Med.*

Zoology and Entomology:
*†C. J. Drake, Ph. D., *Head of Dept.; Chief Ent. (State Ent.).*
*F. M. Baldwin, Ph. D., *Prof. Physiol.*
*E. R. Becker, D. Sc., *Assoc. Prof. Protozool.*
‡F. D. Butcher, A. B., *Ext. Ent.*
*†B. B. Fulton, M. S., *Instr. Zool. and Ent. Asst. Ent.*
*J. E. Guthrie, M. S., *Prof. Zool.*
*Sarah Hoke, M. S., *Instr. Zool. and Ent.*
*H. H. Knight, Ph. D., *Asst. Prof. Ent.*
‡Henry Ness, B. S., *Asst. State Ent.*
*‡F. B. Paddock, M. S., *Assoc. Prof. Apiculture (State Apiarist).*
*†O. W. Park, Ph. D., *Assoc. Prof. and Asst. Chief in Apiculture.*
*W. H. Wellhouse, Ph. D., *Assoc. Prof. Ent.*
‡A. D. Worthington, *Ext. Asst. in Apiculture.*

Miscellaneous:
†E. H. Richardson, *Photog.*
†E. L. Dearing, *Asst. Photog.*

KANSAS

Kansas State Agricultural College and the Agricultural Experiment Station, *Manhattan*

*College faculty. †Station staff. ‡Extension staff

*F. D. Farrell, D. Agr., *President*
*†L. E. Call, M. S., *Dean Div. of Agr., Dir. of Sta.*
‡H. J. C. Umberger, B. S., *Dean and Dir. Div. of Ext.*

Agronomy:
*†R. I. Throckmorton, M. S., *Head Dept. of Agron.*
*†C. O. Swanson, Ph. D., *Head Dept. of Milling Indus.*
†A. M. Brunson, Ph. D., *Assoc. in Plant Brdg. (Coop. U. S. D. A.)*
*C. D. Davis, B. S., *Asst. Prof. Farm Crops.*
*†F. L. Duley, Ph. D., *Assoc. Prof. Soils; Soils.*
*†C. R. Enlow, B. S., *Asst. Prof. Agron.; Asst. Coop. Expts.*
†Mrs. Elizabeth P. Harling, *Seed Analyst.*
*†D. D. Hill, B. S., *Instr. Agron.; in charge Crop Improvement.*
*†I. K. Landon, B. S., *Asst. Prof. Agron.; in charge SE. Field Stas.*
*†H. H. Laude, M. S., *Assoc. Prof. Agron.; in charge Coop. Expts.*
*†E. S. Lyons, M. S., *Asst. Prof. and Asst. in Soils.*
†C. W. Oakes, *Miller.*
*†J. H. Parker, M. S., *Prof. Crop Improvement; Plant Brdg. (Coop. U. S. D. A.).*
†G. H. Phinney, *Foreman of Agron. Farm.*
*†S. C. Salmon, M. S., *Prof. and Asst. in Farm. Crops.*
†A. J. Schoth, B. S., *Farm and Garden Crops Specialist.*
*†M. C. Sewell, Ph. D., *Assoc. Prof. and Asst. in Soils.*

Agronomy—Continued.
‡H. R. Sumner, M. A., *Farm Crops Specialist.*
‡E. B. Wells, M. S., *Soils Specialist.*
†J. G. Willier, *Asst. in Plant Brdg. (Coop. U. S. D. A.).*
‡L. E. Willoughby, B. S., *Farm Crops Specialist.*
*†E. B. Working, Ph. D., *Assoc. Prof. and Assoc. in Milling Indus.*
*†J. W. Zahnley, B. S., *Assoc. Prof. and Assoc. in Farm Crops. Dir. Seed Lab.*

Animal Husbandry:
*†C. W. McCampbell, B. S., D. V. M., *Head of Dept.*
*†B. M. Anderson, B. S., *Assoc. Prof. An. Husb.; Cattle Invest.*
*†C. E. Aubel, M. S., *Asst. Prof. An. Husb.; Pasturing Expts.*
*F. W. Bell, B. S., *Prof. An. Husb. in charge Advanced Judging.*
‡M. H. Coe, B. S., *An. Husb. Specialist.*
‡C. G. Elling, B. S., *An. Husb. Specialist.*
*†H. L. Ibsen, Ph. D., *Prof. Genetics; An. Brdg. Invest.*
‡R. W. Kiser, B. S., *An. Husb. Specialist.*
*†D. L. Mackintosh, B. S., *Asst. Prof. and Asst. An. Husb. (Meats Invest.).*
*†H. W. Marston, M. S., *Instr. and Asst. An. Husb.*

Animal Husbandry—Continued.
‡George Montgomery, B. S., *Instr. An. Husb., Home Study Service.*
*†H. E. Reed, B. S., *Assoc. Prof. An. Husb.; Sheep Invest.*
*†A. D. Weber, B. S., *Instr. and Asst. An. Husb. (Swine Invest.).*

Bacteriology:
*†L. D. Bushnell, Ph. D., *Head of Dept.*
*†A. C. Fay, M. S., *Asst. Prof. Dairy Bact.; Dairy Bact.*
*†P. L. Gainey, M. S., *Prof. Bact.; Soil Bact.*
*†W. R. Hinshaw, D.V. M., *Instr. Bact.; Poultry Disease Invest.*
*B. W. Lafene, B. S., *Instr. Bact.*

Botany and Plant Pathology:
*†L. E. Melchers, M. S., *Head of Dept. (Coop. U. S. D. A.).*
*†E. C. Miller, Ph. D., *Prof. Plant Physiol.; Plant Physiol.*
*Dorothy J. Cashen, M. S., *Instr. Bot.*
*Nora E. Dalbey, A. M., *Asst. Prof. Bot.*
*W. E. Davis, A. B., *Assoc. Prof. Bot.*
*F. C. Gates, Ph. D., *Assoc. Prof. Bot.*
*H. H. Haymaker, M. S., *Assoc. Prof. Bot. and Plant Path.*
†C. O. Johnston, M. S., *Asst. in Cereal Diseases (Coop. U. S. D. A.).*
‡D. R. Porter, B. S., *Plant Path. Specialist.*
†J. L. Weimer, Ph. D., *Assoc. in Plant Path. (Coop. U. S. D. A.).*
*†R. P. White, Ph. D., *Asst. Prof. and Asst. in Plant Path.*

Chemistry:
*†H. H. King, Ph. D., *Head of Dept.*
*†J. S. Hughes, Ph. D., *Prof. Chem.; An. Nutr.*
*†J. T. Willard, D. Sc., *Vice Pres. of Coll.; Consult. Chem.*
*I. C. Brown, M. S., *Instr. Chem.*
*H. W. Brubaker, Ph. D., *Prof. Chem.*
*Esther Bruner, M. S., *Instr. Chem.*
†F. H. Collins, M. S., *Asst. Chem.*
*C. W. Colver, Ph. D., *Prof. Chem.*
†H. R. De Rose, *Assoc. in Food Anal.*
*Stella M. Harriss, M. S., *Instr. Chem.*
*E. B. Keith, Ph. D., *Asst. Prof. Chem.*
*†W. L. Latshaw, M. S., *Asst. Prof. Chem.; in charge Anal. Lab.*
*H. W. Marlow, B. S., *Instr. Chem.*
*O. N. Massengale, M. S., *Instr. Chem.*
†J. F. Merrill, B. S., *Asst. Chem.*
*G. D. Palmer, jr., Ph. D., *Asst. Prof. Chem.*
*†A. T. Perkins, Ph. D., *Asst. Prof. and Research Chem.*
*J. E. Sellers, B. S., *Instr. Chem.*
*†E. L. Tague, Ph. D., *Assoc. Prof. Chem.; Protein Invest.*
†R. W. Titus, A. M., *Assoc. in Feeding-stuffs Anal.*

Dairy Husbandry:
*†J. B. Fitch, B. S., *Head of Dept.*
*†H. W. Cave, M. S., *Assoc. Prof. Dairy Husb.; Dairy Prod.*
‡J. W. Linn, B. S., *Dairy Husb. Specialist.*
*†R. H. Lush, M. S., *Asst. Prof. and Asst. in Dairy Husb.*

Dairy Husbandry—Continued.
*†W. H. Martin, M. S., *Assoc. Prof. Dairy Husb.; in charge Dairy Mfrs.*
*K. M. Renner, B. S., *Instr. Dairy Husb.*
*†W. H. Riddell, M. S., *Instr. Dairy Husb.; in charge Official Tests.*

Economics (Agr.):
*†W. E. Grimes, Ph. D., *Head of Dept.*
*W. H. Burr, B. S., *Prof. Sociol.*
‡I. N. Chapman, B. S., *Farm Mgt. Dem.*
*†Eric Englund, M. S., *Prof. Agr. Econ.; Land Econ.*
*†Morris Evans, B. S., *Asst. Prof. Agr. Econ.; Farm Organ.*
*†R. M. Green, M. S., *Prof. Agr. Econ.; Marketing Invest.*
*†J. A. Hodges, M. S., *Instr. Agr. Econ.; Asst. in Farm Organ.*
*†C. H. Howe, M. S., *Instr. Agr. Econ.; Asst. in Marketing Invest.*
†J. H. Moyer, B. S., *Research Asst. in Agr. Econ. (Coop. U. S. D. A.; P. O., Holton).*
†R. D. Nichols, B. S., *Research Asst. in Agr. Econ. (P. O., McPherson).*
‡E. A. Stokdyk, M. S., *Marketing Specialist.*

Editorial—*See* **Journalism.**

Education (Agr.):
*E. L. Holton, A. B., *Head of Dept.*
‡G. A. Gemmell, M. S., *Prof. Ed. in charge Home Study Service.*
*A. P. Davidson, M. S., *Assoc. Prof. Ed.*
‡B. H. Fleenor, M. S., *Assoc. Prof. Ed., Home Study Service.*
*Orpha Maust, M. S., *Asst. in Ed.*
*C. V. Williams, A. M., *Prof. Voc. Ed.*

Engineering (Agr.):
*H. B. Walker, C. E., *Head of Dept.*
*R. H. Driftmier, B. S. A. E., *Asst. Prof. Agr. Engin.*
*V. R. Hilman, B. S. A. E., *Asst. Prof. Agr. Engin.*
‡Floyd Pattison, B. S., *Assoc. Prof. Engin., Home Study Service.*
*W. H. Sanders, M. E., *Assoc. Prof. Agr. Engin.*
‡C. K. Shedd, B. S. A. E., *Asst. Prof. Rural Engin.*
*B. B. Smith, *Asst. in Agr. Engin.*
‡W. G. Ward, B. S., *Prof. in charge Rural Arch.*

Entomology:
*†G. A. Dean, M. S., *Head of Dept.*
*H. R. Bryson, M. S., *Instr. Ent.*
‡E. G. Kelly, M. S., *Ent. Specialist.*
*†J. W. McColloch, M. S., *Prof. Ent.; Staple Crop Insect Invest.*
‡Roy Moore, *Rodent Control Specialist (Coop. U. S. D. A.).*
‡A. E. Oman, M. F., *Rodent Control Specialist (Coop. U. S. D. A.).*
*†R. L. Parker, Ph. D., *Asst. Prof. and Asst. Ent. (State Apiarist).*
*†R. C. Smith, Ph. D., *Assoc. Prof. Ent.; Staple Crop Insect Invest.*

Extension (Admin.):[1]
Dean and Director Umberger *in charge.*
‡Amy Kelly, B. S., *State Home Dem. Leader.*
‡M. H. Coe, B. S., *Actg. State Club Leader.*
‡Ellen M. Batchelor, B. S., *Asst. State Home Dem. Leader.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Extension—Continued.

‡Charlotte E. Biester, B. S., *Asst. State Club Leader.*

‡Delfa M. Hazeltine, *Asst. to the Dean and Dir.*

Home Economics:

*Margaret M. Justin, Ph.D., *Dean of Div.*

*Lilian Baker, A. M., *Head Dept. of Clothing and Textiles.*

*Mrs. Amy J. L. Englund, A. M., *Head Dept. of Household Econ.*

*Araminta Holman, B. S., *Head Dept. of Applied Art.*

*Martha S. Pittman, A.M., *Head Dept. of Food Econ. and Nutr.*

*Margaret Ahlborn, M. S., *Instr. Food Econ. and Nutr.*

*Ethel M. Arnold, M. S., *Instr. Applied Art.*

*Wilhelmina Bates, A. M., *Asst. Prof. Household Econ.*

*Emily M. Bennett, M. S., *Instr. Food Econ. and Nutr.*

*Helen A. Bishop, A. M., *Asst. Prof. Household Econ.*

*Ina F. Cowles, B. S., *Assoc. Prof. Clothing and Textiles.*

*Maude E. Deeley, B. S., *Instr. Clothing and Textiles.*

*Mrs. Alene H. De Rose, A. M., *Asst. Prof. Clothing and Textiles.*

*Jean S. Dobbs, M. S., *Instr. Household Econ.*

*Leila Dunton, M. S., *Asst. Prof. Food Econ. and Nutr.*

*Emma F. Fecht, *Instr. Clothing and Textiles.*

‡Conie C. Foote, B. S., *Foods and Nutr. Specialist.*

*Vida A. Harris, B. S., *Instr. Applied Art.*

*Martha M. Kramer, Ph. D., *Prof. Food Econ. and Nutr.*

‡Loretta McElmurry, B. S., *Instr. Clothing and Textiles.*

‡Ethel J. Marshall, B. S., *Instr. Home Econ., Home Study Service.*

‡W. Pearl Martin, R. N., *Home Health and Sanitation Specialist.*

*Maria Morris, B. S., *Instr. Applied Art.*

*Mary E. Polson, A. M., *Asst. Prof. Clothing and Textiles.*

*Pearle E. Ruby, M. S., *Assoc. Prof. Food Econ. and Nutr.*

‡Georgiana H. Smurthwaite, B. S., *Foods and Nutr. Specialist.*

*Elma R. Stewart, M. S., *Instr. Household Econ.*

‡Ruth E. Tucker, M. S., *Asst. in Food Econ. and Nutr.*

†Mary A. Worcester, *Asst. in charge Home Econ. Specialists.*

Horticulture:

*†Albert Dickens, M. S., *Head of Dept.*

*†R. J. Barnett, M. S., *Prof. Hort.; Pomol.*

*†W. B. Balch, M. S., *Asst. Prof. Hort.; Greenhouse Foreman.*

*†A. H. Helder, M. S., M. L. A., *Asst. Prof. in charge Landsc. Gard.*

‡E. M. Litwiller, B. S., *Asst. Prof. Hort., Home Study Service.*

‡W. R. Martin, jr., B. S., *Hort. Specialist.*

*†W. F. Pickett, M. S., *Asst. Prof. Hort., Orchard Invest.*

‡L. C. Williams, B. S., *Hort. Specialist.*

Illustrations:

*†F. E. Colburn, *Head of Dept.*

Journalism:

*C. E. Rogers, B. A., *Prof. and Actg. Head of Dept.*

——— ———, *Ext. Editor.*

Physics:

*J. O. Hamilton, B. S., *Head of Dept.*

*†E. C. Converse, A. M., *Assoc. Prof. Phys.; Met.*

*G. E. Raburn, M. S., *Prof. Phys.*

Poultry Husbandry:

*†L. F. Payne, M. S., *Head of Dept.*

‡J. H. McAdams, B. S., *Poultry Husb. Specialist.*

†H. B. Mugglestone, *Supt. Poultry Plant.*

*†H. H. Steup, M. S., *Asst. Prof. Poultry Husb.; Poultry Prod.*

*†D. C. Warren, Ph.D., *Assoc. Prof. Poultry Husb.; Poultry Brdg.*

Veterinary Medicine:

*†R. R. Dykstra, D. V. M., *Dean of Div.; Vet.*

*J. H. Burt, D. V. M., *Head Dept. of Anat. and Physiol.*

*†H. F. Lienhardt, V. M. D., *Head Dept. of Vet. Path.*

*E. J. Frick, D. V. M., *Assoc. Prof. Vet. Med.*

*†N. D. Harwood, D. V. M., *Asst. Prof. and Asst. in Vaccine Labs.*

†C. W. Hobbs, D. V. S., *Field Vet. and Supt. Vaccine Labs.*

*†C. H. Kitselman, V. M. D., *Asst. Prof. Path.; Abortion Disease Invest.*

‡J. W. Lumb, D. V. M., *Ext. Vet.*

*W. M. McLeod, D. V. M., *Assoc. Prof. Anat.*

*†J. P. Scott, D. V. M., M. S., *Assoc. Prof. An. Path.; Blackleg Invest.*

Zoology:

*†R. K. Nabours, Ph. D., *Head of Dept.*

*†J. E. Ackert, Ph. D., *Prof. Zool.; Parasitol.*

*C. A. Gunns, *Instr. Zool.*

*Mary T. Harman, Ph. D., *Prof. Zool.*

*†G. E. Johnson, Ph. D., *Assoc. Prof. Zool.; Mammalogist.*

†Carrie I. Potter, M. S., *Asst. in Genetics.*

*A. B. Sperry, B. S., *Asst. Prof. Geol.*

Miscellaneous:

*†Hugh Durham, A. M., *Asst. to Dean of Agr.*

*A. B. Smith, B. L. S., *Libr.*

Substations:

Colby—B. F. Barnes, B. S., *Supt.* (*Coop. U. S. D. A.*).

W. H. Von Trebra, B. S., *Sci. Asst.*

Fort Hays, *P. O., Hays*—

L. C. Aicher, B. S., *Supt.*

R. E. Getty, B. S., *Forage Crops* (*Coop. U. S. D. A.*).

A. L. Hallsted, B. S., *Dry Farming* (*Coop. U. S. D. A.*).

A. F. Swanson, M. S., *Cereal Invest.* (*Coop. U. S. D. A.*).

W. R. Weaver, *Asst. to Supt.*

D. D. Wilson, *For. Nurseryman.*

Garden City—

F. A. Wagner, B. S., *Supt.*

E. H. Coles, B. S., *Dry Land Agr.* (*Coop. U. S. D. A.*).

Tribune—T. B. Stinson, B. S., *Supt.*

KENTUCKY

College of Agriculture and the Agricultural Experiment Station of the University of Kentucky, *Lexington*

*College faculty. †Station staff. ‡Extension staff

*F. L. McVey, Ph. D., LL. D., *President of University*
*†‡T. P. Cooper, B. S. in A., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Service*

Agronomy:
*†‡George Roberts, M. S., *Head of Dept. Asst. Dean of Coll.*
*†E. N. Fergus, M. S., *Asst. Prof. Farm Crops; Asst. Agron.*
†J. F. Freeman, M. S., *Supt. of Expt. Fields.*
†E. M. Johnson, M. S., *Asst. Agron.*
‡S. C. Jones, M. S., *Field Agt. in Agron.*
*P. E. Karraker, M. A., *Assoc. Prof. Soils; Asst. Agron.*
‡Ralph Kenney, B. S., *Field Agt. in Agron.*
*†‡E. J. Kinney, B. S., *Prof. Farm Crops; Assoc. Agron.*
*†W. D. Valleau, Ph. D., *Assoc. Prof. Plant Path.; Plant Path.*

Animal Industry:
*†‡E. S. Good, M. S., *Chair. An. Indus. Group.*
*†J. J. Hooper, M. S., *Prof. Dairy Husb.; in charge Dairy Invest.*
*†‡Jos. H. Martin, M. S., *Assoc. Prof. and in charge Poultry Husb.*
*†‡W. S. Anderson, M. A., *Prof. Genetics; in charge Horse Husb.*
*‡J. O. Barkman, B. S., *Asst. Prof. Dairy Mfrs. and Field Agt. in Dairying.*
†J. D. Foster, M. S., *Insp. in charge Creameries.*
‡P. H. Goodwin, *Field Agt. in Poultry Husb.*
†Amanda H. Harms, B. S., *Asst. Pathogenic Bact. in An. Husb.*
‡C. E. Harris, B. S., *Field Agt. in Poultry Husb.*
*†W. J. Harris, B. S., *Asst. Prof. and Asst. An. Husb.*
*†‡L. J. Horlacher, M. S., *Assoc. Prof. and in charge Sheep Invest.*
‡J. E. Humphrey, B. S., *Field Agt. in Poultry Husb.*
‡R. C. Miller, M. S., *Field Agt. in An. Husb.*
†J. W. Nutter, *Supt. Dairy Farm.*
‡E. M. Prewitt, B. S., *Field Agt. in Dairying.*
‡Wayland Rhoads, M. S., *Field Agt. in An. Husb.*
‡H. G. Sellards, B. S., *Field Agt. in An. Husb.*
‡J. R. Smyth, B. S., *Field Agt. in Poultry Husb.*
*†E. J. Wilford, M. S., *Assoc. Prof. and Asst. An. Husb.*
*†W. W. Dimock, D. V. M., *Prof. and Head Dept. of Vet. Sci.*
†J. F. Bullard, D. V. M., *Asst. Vet.*
†P. R. Edwards, Ph. D., *Asst. Bact.*
*†F. E. Hull, D. V. M., *Instr. Vet. Sci.; Asst. Vet.*
‡T. P. Polk, D. V. M., *Field Agt. in Vet. Sci.*

Chemistry:
*†A. M. Peter, D. Sc., *Head of Dept. Prof. Soil Tech.*
†S. D. Averitt, M. S., *Chem.*
†G. D. Buckner, Ph. D., *Research Chem.*
*†D. J. Healy, M. D. C. M., *Prof. Agr. Bact.; Research Bact.*

Chemistry—Continued.
†W. D. Iler, *Asst. Chem.*
†J. S. McHargue, Ph. D., *Research Chem.*
†O. M. Shedd, M. S., *Research Chem.*

Economics (Agr.):
*†‡W. D. Nicholls, M. S., *Head Dept. Farm Econ.*
*†‡O. B. Jesness, M. S., *Prof. Marketing; Chief Sec. of Markets.*
*†Thomas Baird, B. S., *Asst. in Farm Mgt.*
†D. G. Card, B. S., *Asst. in Marketing.*
*W. G. Finn, M. S., *Instr. Agr. Econ.*
‡Z. L. Galloway, B. S., *Field Agt. in Farm Mgt. (Coop. U. S. D. A.: P. O., Mayfield).*
†E. C. Johnson, B. S., *Asst. in Marketing.*
‡J. W. Jones, M. A., *Field Agt. in Marketing.*
‡E. C. Vaughn, A. B., *Field Agt. in Marketing.*
‡H. A. Ward, M. S., *Field Agt. in Farm Mgt.*

Editorial:
‡C. A. Lewis, B. S., *Asst. Editor.*

Engineering (Agr.):
*‡J. B. Kelley, B. S. (M. E., A. E.), *Prof. Agr. Engin.*
‡E. G. Welch, B. S. A. E., *Field Agt. in Agr. Engin.*

Entomology and Botany:
*†Harrison Garman, D. Sc., *Head of Dept. Prof. Ent.*
†Mary LeG. Didlake, M. S., *Asst. Ent. and Bot.*
†Carrie L. Hathaway, *Seed Analyst.*
†Marie Jackson, *Seed Analyst.*
†H. H. Jewett, M. A., *Research Asst. in Ent. and Bot.*

Extension (Admin.):[1]
Director Cooper *in charge.*
‡T. R. Bryant, B. S., *Asst. Dir.*
‡C. A. Mahan, M. S., *State Agt.*
‡Myrtle M. Weldon, M. S., *State Home Dem. Agt.*
‡N. R. Elliott, B. S., *Asst. State Agt. (Movable Schools).*
‡E. J. Kilpatrick, B. S., *Asst. State Agt.*
‡H. F. Link, B. S., *Asst. State Agt.*
‡Lulie E. Logan, A. B., *Asst. State Home Dem. Agt.*
‡Zelma Monroe, B. S., *Asst. State Home Dem. Agt.*
‡W. C. Wilson, *Asst. State Agt.*
‡J. W. Whitehouse, M. S., *State Club Agt.*
‡Anita Burnam, B. S., *Field Agt. in Club Work.*
‡J. M. Feltner, *Field Agt. in Club Work (P. O., London).*
‡E. E. Fish, M. S., *Field Agt. in Club Work.*
‡M. S. Garside, B. S., *Field Agt. in Club Work.*
‡Garnett McKenney, B. S., *Field Agt. in Club Work.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Home Economics:

*†Mariel Hopkins, M. S., *Head of Dept.*
*Marie Barkley, B. S., *Instr. Home Econ.*
*†Statie Erikson, A. B., *Asst. Prof. and Asst. Home Econ.*
*Nellie A. Gard, M. A., *Asst. Prof. Home Econ.*
‡Dixie Harris, *Nutr. Specialist.*
*Minnie M. Kennedy, M. A., *Instr. Home Econ.*
*Lilly E. Kohl, M. S., *Asst. Prof. Institutional Mgt.*
‡Mary M. Miller, B. S., *Field Agt. in Home Econ.*
‡Irene M. Piedalue, B. S., *Field Agt. in Home Econ.*
‡Isabelle M. Story, M. A., *Field Agt. in Home Econ.*

Horticulture:

*†C. W. Mathews, B. S., *Head of Dept.*
‡J. S. Gardner, M. A., *Field Agt. in Hort.*
‡W. W. Magill, B. S., *Field Agt. in Hort.*
*†A. J. Olney, M. H., *Prof. and Asst. Hort.*
*†C. S. Waltman, B. S., *Instr. and Asst. Hort.*

Public Service Labs.:

†L. A. Brown, Phar. D., *Director.*
†E. K. Borman, B. S., *Asst. Bact.*

Public Service Labs.—Continued.

†E. J. Gott, B. S., *Bact.*
†James H. Martin, Ph. G., *Asst. Chem.*
†A. L. Meader, B. A., *Asst. Chem.*

Regulatory Work:

†J. D. Turner, LL. B., *Head Feed Control Dept.*
†H. E. Curtis, M. S., *Head Fert. Control Dept.*
†H. R. Allen, M. A., *Chem. in Fert. Control.*
†W. A. Anderson, *Microscopist.*
†Fred Fitschen, *Insp. in Feed Control.*
†Lelah V. Gault, B. S., *Asst. Chem. in Fert. Control.*
†Robert Mathews, *Insp. Feed and Fert. Control.*
†H. D. Spears, M. S. *Chem. in Feed Control.*
†W. G. Terrell, *Insp. in Feed Control*

Miscellaneous:

†Grace L. Snodgrass, *Libr.*

Substations:

Robinson Substa., *P. O., Quicksand*—
R. W. Jones, *Supt.*
C. H. Burrage, B. S. F., *For.*
Lula Hale, *Field Worker.*
Western Kentucky Substa., *P. O. Princeton*—
S. J. Lowry, B. S., *Supt.*

The Kentucky Normal and Industrial Institute for Colored Persons, *Frankfort*

*Agricultural faculty

*G. P. Russell, A. B., LL. D., *President*

*W. D. Black, *First Asst. in Agr.*
*J. A. Bond, A. B., *Education.*
*L. J. Harper, A. B., *Sci.*
*T. H. Jackson, B. S., *Teacher Training in Agr.*
*Lonnie Marshall, *Sci. and Agr.*
*W. L. Shobe, A. B., *Farm Crops.*
*P. P. Watson, M. S., *Farm Mech.*

LOUISIANA

The Louisiana State University and Agricultural and Mechanical College and the State Experiment Station, *Baton Rouge;* **the North Louisiana Station,** *Calhoun;* **the Rice Station,** *Crowley,* **and the Fruit and Truck Station,** *Hammond*

* College faculty. † Station staff. ‡ Extension staff

*T. D. Boyd, A. M., LL. D., *President*
*†W. R. Dodson, B. S., A. B., *Dean Coll. of Agr., Dir. of Stations*
†W. G. Taggart, B. S., *Asst. Dir. of Stations*
‡W. R. Perkins, M. S., *Dir. Agr. Ext. Dept.*

Agronomy:

*†A. F. Kidder, B. S., *Instr. Plant Brdg.; Agron.*
*W. R. Hendrix, B. S., *Prof. Agron.*
*H. V. Geib, M. S., *Asst. Prof. Agron.*
*F. D. Stevens, B. S., *Instr. Farm Mgt. (Coop. U. S. D. A.).*

Animal Industry:

*†E. L. Jordan, B. S., *Prof. An. Indus.; An. Indus.*
*J. B. Francioni, B. S., *Asst. Prof. An. Husb.*
‡M. M. La Croix, B. S., *Swine Husb. Specialist.*
‡L. E. Morgan, M. D., *Livestock and Tick Erad. Specialist.*
‡E. W. Neasham, B. S., *Dairy Specialist.*
‡F. C. Old, B. S., *Poultry Specialist.*
‡G. H. Reymond, B. S., *Asst. Dairy Specialist.*
*C. H. Staples, B. S., *Prof. Dairying.*
‡Elsmer Wilson, B. S., *Asst. Poultry Specialist.*

Botany and Bacteriology:

*†C. W. Edgerton, Ph. D., *Prof. Bot.; Plant Path.*
†W. L. Owen, B. S., *Research Bact.*
†E. V. Abbott, Ph. D., *Asst. Plant Path.*
*W. N. Christopher, B. S., *Instr. Bact.*
*C. F. Moreland, M. S., *Assoc. Prof. Bot. and Bact.*
†E. C. Tims, Ph. D., *Asst. Plant Path.*

Chemistry:

†A. P. Kerr, M. S., *Chief Chem.*
†J. F. Brewster, Ph. D., *Research Chem.*
*C. E. Coates, Ph. D., *Prof. Chem., Dean of Sugar School.*
†‡D. N. Barrow, B. S., *Sugar Cane Specialist (Coop. U. S. D. A.).*
†W. P. Denson, B. S., *Asst. Chem.*
†J. L. Farr, M. S., *Asst. Chem.*

Chemistry—Continued.
*E. A. Fieger, Ph. D., *Asst. Prof. Chem.*
*Raymond Freas, Ph. D., *Asst. Prof. Chem.*
†J. H. Jolly, B. S., *Asst. Chem.*
*W. A. Kramer, M. S., *Instr. Chem.*
*R. L. Menville, M. S., *Assoc. Prof. Chem.*
†J. J. Munson, B. S., *Research in Sugar Engin.*
*E. A. Provine, B. A., *Asst. in Chem.*
*F. J. Robichaux, B. A., *Instr. Chem.*
*E. R. Smith, Ph. D., *Asst. Prof. Chem.*

Editorial and Publicity:
‡B. B. Mackay, *Editor.*
‡Marjorie B. Arbour, B. S., *Asst. Editor.*

Education (Agr.):
*J. G. Lee, jr., B. S., *Prof. Agr. Ed.*
*R. L. Davenport, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*E. B. Doran, B. S., *Prof. Farm Mech.*
*C. R. Neff, B. S., *Instr. Farm Mech.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Director Perkins *in charge.*
‡W. B. Mercier, B. S., *Asst. Dir. and State Agt.*
‡Norma Overbey, B. S., *State Home Dem. Agt.*
‡W. C. Abbott, M. S., *State Club Agt.*
‡I. B. Kerlin, B. S., *Asst. State Club Agt.*
‡Mary Mims, *Asst. State Home Dem. Agt.*
‡L. E. Perrin, *Asst. State Agt.*

Home Economics:
*Mattie R. Sebastian, M. A., *Director.*
*Rosemond H. Kedzie, B. S., *Assoc. Prof. Home Econ.*
*Hazel Baker, B. S., *Instr. Home Econ.*
*Georgia Vaughn, B. S., *Instr. Home Econ.*
‡Mina A. Willis, M. S., *Foods and Nutr. Specialist.*

Horticulture and Forestry:
*J. G. Lee, sr., B. S. *Prof. Hort. and For.*
†‡G. L. Tiebout, B. S., *Hort.*
‡H. W. Fristoe, B. S., *Garden Specialist.*
‡Montford Hull, *Asst. Hort. Specialist.*
*B. H. Singletary, B. S., *Instr. Hort.*

Physics:
*D. V. Guthrie, Ph. D., *Prof. Phys.*
*R. C. Keen, B. S., *Instr. Phys.*
*Beauregard Perkins, jr., B. S., *Asst. Prof. Phys.*

Veterinary Science:
*†Harry Morris, D. V. M., *Instr. Vet. Sci.; Bact., Asst. Vet.*

Zoology and Entomology:
*W. H. Gates, D. Sc., *Prof. Zool. and Ent.*
†‡W. E. Hinds, Ph. D., *Ent.*
*Ellinore H. Behre, Ph. D., *Assoc. Prof. Zool.*
‡E. C. Davis, *Specialist in Bee Culture.*
*Mrs. Morris Faures, B. A., *Instr. Zool.*
*J. R. Fowler, B. S., *Instr. Zool.*
*Corinne Keaty, B. A., *Instr. Zool.*
*†H. W. Manter, Ph. D., *Instr. Zool.; Parasitol*
*O. W. Rosewall, M. S., *Prof. Ent.*
†Herbert Spencer, Ph. D., *Asst. Ent.*
*H. A. Stabe, M. S., *Instr. Ent.*

Miscellaneous:
*Annie M. Beale, *Libr.*
†‡J. K. McHugh, *Libr.*
*†‡R. P. Swire, B. A., *Treas.*

Branch Stations:
W. R. Dodson, B. S., A. B., *Dir. of Stations.*
Fruit and Truck Sta., *P. O., Hammond*—B. Szymoniak, B. S., *Supt. in charge.*
North La. Sta., *P. O., Calhoun*—Sydney Stewart, *Supt. in charge.*
Rice Sta., *P. O., Crowley*—J. M. Jenkins, B. S., *Supt. in charge (Coop. U. S. D. A.).*

Southern University and Agricultural and Mechanical College of the State of Louisiana, *Scotlandville*

*Agricultural faculty

*J. S. Clark, A. M., Ph. D., *President*

*L. C. Bowling, D. V. M., *Agr., An. Husb.*
*John Coruthers, *Voc. Agr.*
*Rebecca Franklin, *Cooking.*
*Cornelius King, *Voc. Agr., Teacher Training.*
*Mrs. Emma N. Maberry, *Dir. Home Econ.*
*Ethel L. Mitchell, *Cooking.*
*Irene Myers, *Dressmaking.*
*J. H. Theus, *Agr.*
*Louise Walton, *Sewing, Millinery.*
*Catherine Watkins, *Home Crafts.*

MAINE

College of Agriculture and the Agricultural Experiment Station of the University of Maine, *Orono*

*College faculty. †Station staff. ‡Extension staff

*H. S. Boardman, C. E., D. Eng., *Actg. President of University*
*‡L. S. Merrill, M. D., D. Sc., *Dean Coll. of Agr., Dir. Agr. Ext. Service*
†W. J. Morse, Ph. D., Sc. D., *Dir. of Sta.*

Agronomy:
*G. E. Simmons, D. Sc., *Prof. Agron.*
‡A. K. Gardner, B. S., *Crops Specialist.*
*B. C. Helmick, M. S., *Asst. Prof. Agron.*
*H. C. Swift, M. S., *Asst. Prof. Agron. and Agr. Engin.*

Animal Industry:
*L. S. Corbett, M. S., *Prof. An. Indus.*
*L. M. Dorsey, M. S., *Assoc. Prof. An. Indus.*
*L. P. Gardner, M. S., *Asst. Prof. Poultry Husb.*
*H. W. Hall, B. S., *Instr. An. Indus.*
‡R. F. Talbot, B. S., *Dairy Specialist.*
‡O. M. Wilbur, M. S., *Poultry Specialist.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Bacteriology:

*F. L. Russell, B. S., V. S., *Prof. Bact. and Vet. Sci.*
*E. R. Hitchner, M. S., *Assoc. Prof. Bact.*

Biology:

†J. W. Gowen, Ph. D., *Biol.*
*P. W. Whiting, Ph. D., *Prof. Biol.*
†Karl Sax, D. Sc., *Biol.*
*C. H. Batchelder, M. S., *Assoc. Prof. Zool.*
†Mrs. Iva M. Burgess, M. S., *Sci. Aid.*
†Mildred R. Covell, *Biol. Computer.*
*W. H. Eyster, Ph. D., *Prof. Bot.*
†Marjorie E. Gooch, M. S., *Asst. in Biol.*
*Mrs. Helen W. Imlah, M. S., *Instr. Zool.*
*C. W. Martin, M. S., *Instr. Bot.*
†H. B. Smith, M. S., *Asst. Biol.*
†Emmeline D. Wilson, *Lab. Asst. in Biol.*
*Alvalyn E. Woodward, Ph. D., *Assoc. Prof. Physiol.*

Chemistry:

*L. H. Merrill, Sc. D., *Prof. Biol. and Agr. Chem.*
†J. M. Bartlett, M. S., *Chem.*
†B. E. Plummer, jr., M. S., *Asst. Chem.*
*H. W. Smith, M. S., *Asst. Prof. Biol. and Agr. Chem.*
†E. R. Tobey, M. S., Ch. E., *Assoc. Chem.*
†C. H. White, Ph. C., *Asst. Chem.*

Economics (Agr.):

*†C. H. Merchant, M. S., *Prof. Agr. Econ. and Farm Mgt.; Agr. Econ.*

Editorial:

‡F. G. Averill, B. A., *Agr. Editor.*

Education (Agr.):

*H. S. Hill, A. B., *Prof. Agr. Ed.*

Entomology:

†Edith M. Patch, Ph. D., *Ent.*
†C. R. Phipps, B. S., *Assoc. Ent.*
†Alice W. Averill, *Lab. Asst. Ent.*

Extension (Admin.):[1]

Director Merrill *in charge*
‡A. L. Deering, B. S., *County Agt. Leader.*
‡Rosalind M. Jewett, B. S , *State Home Dem. Leader.*
‡L. H. Shibles, A. B., *State Club Leader.*
‡M. D. Jones, B. S., *Farm Mgt. Dem.*
‡Arra S. Mixter, *Asst. State Club Leader.*

Forestry:

*J. M. Briscoe, M. F., *Prof. For.*
*C. W. L. Chapman, M. S., *Asst. Prof. For.*
*D. B. Demeritt, M. F., *Asst. Prof. For.*
‡M. E. Watson, B. S., *For. Specialist.*

Home Economics:

*Esther McGinnis, M. S., *Prof. Home Econ.*
*Louise Bancroft, B. S., *Asst. Prof. Home Econ.*
*Rena Campbell, B. S., *Instr. Home Econ.*
‡Edna M. Cobb, *Clothing Specialist.*
*Pearl S. Greene, M. A., *Assoc. Prof. Home Econ.*
‡Estelle Nason, B. S., *Nutr. Specialist.*

Horticulture:

*J. H. Waring, M. S., *Prof. Hort.*
*W. W. Wiggin, M. S., *Instr. Hort.*
*H. O. Yates, jr., B. S., *Instr. Hort.*

Plant Pathology:

†Donald Folsom, Ph. D., *Plant Path.*
†Reiner Bonde, B. S., *Asst. Plant. Path.*
†Louise M. Baker, *Lab. Asst. in Plant Path.*

Substations:

Aroostook Farm, *P. O., Presque Isle*—Perley Downing, *Supt.*
Highmoor Farm, *P. O., Monmouth*—Wellington Sinclair, *Supt.*

MARYLAND

Colleges of Agriculture and Home Economics, Agricultural Experiment Station, and the Extension Service of the University of Maryland, *College Park*

*College faculty. †Station staff. ‡Extension staff

*A. F. Woods, A. M., D. Agr., LL. D., *President of University*
*†H. J. Patterson, D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡T. B. Symons, M .S., D. Agr., *Dir. of Ext. Service*
*M. Marie Mount, M. A., *Dean Coll. of Home Econ.*

Agronomy:

*†J. E. Metzger, B. S., *Prof. Agron.; Agron.*
*G. F. Eppley, B. S., *Asst. Prof. Agron.*
†R. F. Hale, B. S., *Asst. Agron.*
*†W. B. Kemp, B. S., *Assoc. Prof. Genetics and Agron.; Assoc. Agron.*
†J. W. Mumford, *Asst. Agron.*
‡F. W. Oldenburg, B. S., *Agron. Specialist.*
†R. G. Rothgeb, M. S., *Research Asst. in Agron.*
†R. L. Sellman, B. S., *Asst. Agron.*

Animal and Dairy Husbandry:

*†‡DeVoe Meade, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
†H. R. Bierman, M. S., *Asst. Dairy Husb.*
*†B. E. Carmichael, M. S., *Prof. An. Husb.; An. Husb.*
‡K. A. Clark, M. S., *An. Husb. Specialist.*
‡J. A. Conover, B. S., *Dairy Specialist.*

Animal and Dairy Husbandry—Continued.

*†S. H. Harvey, M. S., *Asst. Prof. and Asst. Dairy Husb.*
*W. E. Hunt, M. S., *Asst. Prof. An. Husb.*
*†L. W. Ingham, M. S., *Instr. and Asst. in Dairy Husb.*
*H. G. Lindquist, B. S., *Asst. in Dairy Husb.*
*R. C. Munkwitz, M. S., *Asst. Prof. Dairy Husb.*

Bacteriology:

*†E. M. Pickens, D. V. M., A. M., *Prof. Bact.; An. Path.*
†W. R. Crawford, D. V. M., *Asst. An. Path.*
†M. B. Melroy, M. S., *Asst. in Bact.*
*†L. J. Poelma, D. V. M., *Asst. Prof. Dairy Bact.; Asst. An. Path.*
*R. C. Reed., Ph. B., D. V. M., *Prof. An. Path.*
*M. F. Welsh, D. V. M., *Asst. Prof. Bact. and An. Path.*

[1] For subject-matter workers, see the respective division, i. e., agronomy, animal industry, etc.

Botany:
†J. B. S. Norton, D. Sc., *Bot. and Plant Path.*
*†P. W. Zimmerman, Ph. D., *Prof. Bot. and Ecology, Assoc. Dean Coll. of Agr.*
†F. S. Holmes, M. S., *Seed Insp.*
†Ellen Emack, *Asst. in Seed Insp.*
†Anna M. Hook, *Asst. in Seed Insp.*
†Olive M. Kelk, *Asst. in Seed Insp.*
†Ruth M. Mostyn, *Asst. in Seed Insp.*
†Katherine Smith, *Asst. in Seed Insp.*

Chemistry:
Director Patterson, *Sta. Chem.*
*N. E. Gordon, Ph. D., *Prof. Phys. Chem. (State Chem.).*
*L. E. Bopst, B. S., *Chem. in charge Feed and Fert. Insp.*
*L. B. Broughton, M. S., *Prof. Agr. and Food Chem.*
†H. B. McDonnell, M. S., M. D., *Chem. in An. Path. Invest.*
*R. C. Wiley, M. S., *Assoc. Prof. Chem.*

Economics—*See* **Farm Management.**

Editorial—*See* **Journalism.**

Education (Agr.):[1]
*H. F. Cotterman, M. A., *Prof. Agr. Ed. and Rural Sociol.*
*F. D. Day, B. S., *Instr. Agr. Ed.*
‡C. S. Richardson, A. M., *Specialist in Ed. Ext.*

Engineering (Agr.):
*‡R. W. Carpenter, A. B., *Prof. Farm Engin.*

Entomology:
*†‡E. N. Cory, M. S., *Prof. Ent.; Ent. (State Ent.).*
†Paul Knight, B. S., *Asst. Ent*
†H. S. McConnell, M. S., *Assoc. Ent.*
*C. J. Pierson, M. A., *Prof. Zool.*
‡P. D. Sanders, M. S., *Asst. Ent.*
†H. H. Shepard, B. S., *Asst. Ent.*
*R. V. Truitt, M. S., *Prof. Aquiculture.*

Extension (Admin.):[2]
Director Symons *in charge.*
‡F. B. Bomberger, A. M., D. Sc., *Asst. Dir. and Specialist in Rural Organ. and Marketing (Chief, State Dept. of Markets).*
‡Venia M. Kellar, B. S., *State Home Dem. Agt.*
‡E. G. Jenkins, *State Boys' Club Agt.*
‡Dorothy Emerson, *Girls' Club Agt.*

Farm Management and Economics:
*‡W. T. L. Taliaferro, D. Sc., *Prof. and Specialist in Farm Mgt.*
*†‡S. H. DeVault, Ph. D., *Prof. and Specialist in Agr. Econ.*
†E. L. Brown, M. S., *Asst. Agr. Econ.*
‡S. B. Shaw, B. S., *Chief Insp. and Marketing Specialist.*
†W. P. Walker, M. S., *Asst. Agr. Econ.*

Forestry:
*F. W. Besley, M. F., D. Sc., *Lect. on For. (State For.).*
‡F. B. Trenk, M. S., *For. Specialist.*

Home Economics:
Dean Mount *in charge, and Prof. of Home and Institutional Mgt.*
‡Jessie Campbell, B. S., *Nutr. Specialist.*
*Audrey Killiam, B. S., *Asst. in Home Econ.*
*Mrs. Frieda M. McFarland, A. B., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, M. A., *Prof. Home Econ. Ed.*
*Mrs. Claribel P. Welsh, B. S., *Assoc. Prof. Foods.*

Horticulture:
*†‡E. C. Auchter, Ph. D., *Prof. Hort.; Hort.*
‡W. R. Ballard, B. S., *Landsc. and Veg. Gard. Specialist.*
*J. B. Blandford, *Instr. and Hort. Supt.*
*†V. R. Boswell, M. S., *Instr. and Asst. Hort.*
*†F. W. Geise, M. S., *Prof. Oler.; Veg. Brdg.*
‡L. M. Goodwin, *Canning Crops Specialist.*
†A. L. Schrader, Ph. D., *Asst. Pomol.*
*A. S. Thurston, M. S., *Assoc. Prof. Flor. and Landsc. Gard.*
‡A. F. Vierheller, M. S., *Hort. Specialist.*
†T. H. White, M. S., *Veg. and Flor. Work.*
*W. E. Whitehouse, M. S., *Asst. Prof. Pomol.*

Journalism:
†‡M. D. Bowers, A. B., *Specialist in Agr. Journalism.*

Plant Pathology:
*‡C. E. Temple, M. A., *Prof. Plant Path. (State Plant Path.).*
‡H. A. Hunter, B. S., *Asst. Plant Path.*
†‡R. A. Jehle, Ph. D., *Assoc. and Specialist in Plant Path.*

Plant Physiology and Biochemistry:
*†C. O. Appleman, Ph. D., *Prof. Plant Physiol. and Biochem.; Plant Physiol. Dean of Grad. School.*
†C. M. Conrad, Ph .D., *Asst. Plant Physiol.*
*†E. S. Johnston, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*
†C. L. Smith, B. S., *Asst. in Plant Physiol.*

Poultry Husbandry:
*†R. H. Waite, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*†F. H. Leuschner, B. S., *Asst. Prof. and Assoc. Poultry Husb.*
†W. H. Rice, B. S., *Poultry Specialist.*

Soils:
*†A. G. McCall, Ph. D., *Prof. Geol. and Soils; in charge Soil Invest.*
*O. C. Bruce, M. S., *Prof. Soils.*
*†A. M. Smith, Ph. D., *Assoc. Prof. and Assoc. in Soils.*
†J. M. Snyder, M. S., *Asst. in Soil Invest.*
†H. B. Winant, B. S., *Asst. in Soil Invest.*

Miscellaneous:
*Grace Barnes, B. S., B. L., *Libr.*

Substations:
Ridgely Farm, *P. O., Ridgely*—Albert White, B. S., *Supt.*

[1] Courses given in College of Education.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal and dairy husbandry, etc.

Princess Anne Academy for Colored Persons, *Princess Anne*

*Agricultural faculty. ‡Extension staff

*J. O. Spencer, Ph. D., *President (P. O. Baltimore)*
*T. H. Kiah, Ped. D., *Principal. Theory of Agr.*

*Jessie C. Calvin, *Dom. Art.*
*C. E. Clark, *An. Husb.*
‡Louis Martin, *County Agr. Dem.*
*J. E. Smith, *Agr. and Chem.*
*Barton White, *Hort.*

MASSACHUSETTS

Massachusetts Agricultural College and the Agricultural Experiment Station, *Amherst*

*College faculty. †Station staff. ‡Extension staff

*E. M. Lewis, A. M., *Dean of Coll. and Actg. President*
*†S. B. Haskell, B. S., *Dir. of Sta. Actg. Head Div. of. Agr.*
‡J. D. Willard, B. A., *Dir. of Ext. Service*

Agronomy:
*†A. B. Beaumont, Ph. D., *Head of Dept.*
‡J. P. Helyar, B. S., *Ext. Prof. Agron.*
†J. P. Jones, M. S., *Asst. Research Prof. Agron.*
*M. O. Lanphear, B. S., *Asst. Prof. Agron.*
*C. A. Michels, M. S., *Asst. Prof. Agron.*
†O. E. Street, B. S., *Invest. in Agron.*
*C. H. Thayer, *Instr. Agron.*

Animal and Poultry Husbandry:
*†J. H. Frandsen, M. S., *Head Dept. of An. Husb.*
*†J. C. Graham, B. S., *Head Dept. of Poultry Husb.*
†J. R. Alcock, *Lab. Asst. in An. Nutr.*
*Luther Banta, B. S., *Asst. Prof. Poultry Husb.*
‡C. J. Fawcett, B. S., *Ext. Prof. An. Husb.*
*G. V. Glatfelter, M. S., *Asst. Prof. An. Husb.*
†F. A. Hays, Ph. D., *Research Prof. Poultry Husb.*
‡W. C. Monahan, B. S., *Ext. Prof. Poultry Husb.*
*Marion C. Pulley, B. S., *Instr. Poultry Husb.*
*V. A. Rice, M. Agr., *Asst. Prof. An. Husb.*
†Ruby Sanborn, A. B., *Invest. in Poultry Husb.*
*W. C. Sanctuary, B. S., *Prof. Poultry Husb.*

Botany:
*†A. V. Osmun, M. S., *Head of Dept.*
†A. S. Ball, *Lab. Asst. in Bot.*
*†O. L. Clark, B. S., *Asst. Prof. Bot.*
*W. H. Davis, Ph. D., *Asst. Prof. Bot.*
†W. L. Doran, M. S., *Asst. Research Prof. Bot.*
†E. F. Guba, Ph. D., *Asst. Research Prof. Bot. (P. O. Waltham).*
*F. A. McLaughlin, B. S., *Asst. Prof. Bot.*
†Gladys I. Miner, *Curator, Dept. of Bot.*
*R. E. Torrey, Ph. D., *Asst. Prof. Bot.*

Chemistry:
*†J. B. Lindsey, Ph. D., *Head Dept. of Agr. Chem. Vice Dir. of Sta.*
†H. L. Allen, *Lab. Asst. in Chem.*
†J. G. Archibald, M. S., *Asst. Research Prof. Chem.*
*F. R. Butler, Ph. D., *Instr. Chem.*
*J. S. Chamberlain, Ph. D., *Prof. Org. and Agr. Chem.*
†G. B. Dalrymple, *Analyst in Fert. Control.*
†G. M. Gilligan, B. S., *Invest. in Chem.*
†H. D. Haskins, B. S., *Chem. in Fert. Control.*
†E. B. Holland, Ph. D., *Research Prof. Chem.*
†J. T. Howard, *Insp.*

Chemistry—Continued.
†C. P. Jones, M. S., *Asst. Research Prof. Chem.*
†F. J. Kokoski, B. S., *Analyst.*
†F. W. Morse, M. S., *Research Prof. Chem.*
*C. A. Peters, Ph. D., *Prof. Inorg. and Soil Chem.*
*Paul Serex, jr., Ph. D., *Asst. Prof. Chem.*
†P. H. Smith, M. S., *Chem. in Feed Control.*
†L. S. Walker, B. S., *Asst. Chem. in Fert Control.*

Dairying:
*†J. H. Frandsen, M. S., *Head of Dept.*
‡W. P. B. Lockwood, M. S., *Ext. Prof. Dairying.*
*H. L. Pendleton, B. S., *Instr. Dairying.*
†A. W. Phillips, A. M., *Asst. Research Prof Dairying.*
*R. W. Smith, jr., B. S., *Instr. Dairying.*
*T. G. Yaxis, M. S., *Asst. Prof. Dairying.*

Economics (Agr. and Sociol.):
*†A. E. Cance, Ph. D., *Head Dept. of Agr. Econ.*
†Lorian P. Jefferson, A. M., *Asst. Research Prof. Agr. Econ.*
‡R. J. McFall, Ph. D., *Ext. Prof. Agr. Econ.*
*D. W. Sawtelle, M. S., *Asst. Prof. Agr. Econ.*
†Ruth E. Sherburne, B. S., *Lab. Asst. in Agr. Econ.*
*N. L. Sims, Ph. D., *Prof. Rural Sociol.*
†H. W. Yount, M. S., *Asst. Research Prof. Agr Econ.*

Editorial:
——— ———, *Ext. Editor.*
†F. Ethel Felton, B. A., *Editorial Asst.*

Education (Agr.):
*W. S. Welles, B. S., *Head of Dept.*
*H. N. Glick, Ph. D., *Prof. Agr. Ed.*

Engineering (Rural):
*†C. I. Gunness, B. S., *Head of Dept.*
*M. J. Markuson, B. S., *Asst. Prof. Rural Engin.*
*J. B. Newlon, *Instr. Rural Engin.*
*G. F. Pushee, *Instr. Rural Engin.*

Entomology:
*†H. T. Fernald, Ph. D., *Head of Dept.*
*C. P. Alexander, Ph. D., *Asst. Prof. Ent.*
†A. I. Bourne, B. A., *Asst. Research Prof. Ent.*
*M. H. Cassidy, B. S., *Asst. Prof. Beekeeping*
*G. C. Crampton, Ph. D., *Prof. Insect Morphol.*
†W. D. Whitcomb, B. S., *Asst. Research Prof. Ent. (P. O., Waltham).*

Extension (Admin.):[1]
Director Willard *in charge.*
†R. W. Redman, B. S., *Asst. Dir.*
‡S. R. Parker, B. S., *Supt. County Agt. Projects.*
‡Lucile W. Reynolds, B. S., *State Home Dem. Leader.*
‡G. L. Farley, M. S., *State Club Leader.*
‡R. D. Hawley, B. S., *Supvr. Ext. Schools and Exhibits.*
‡W. F. Howe, *Asst. State Club Leader.*
‡E. H. Nodine, B. S., *in charge Poultry Club Work.*
‡Harriet M. Woodward, B. S., *Asst. State Club Leader.*

Farm Management:
*†J. A. Foord, M. S., *Head of Dept.*
*M. F. Abell, Ph. D., *Asst. Prof. Farm Mgt.*
‡F. H. Branch, B. S., *Ext. Prof. Farm Mgt.*

Forestry:
*L. R. Grose, M. F., *Head of Dept.*
‡H. O. Cook, B. S., M. F., *Actg. Ext. For.* (*P. O., Boston*).
‡R. B. Parmenter, B. S., *Asst. Ext. For.* (*P. O., Boston*).

Home Economics:
*Edna L. Skinner, B. S., *Head of Dept.*
*Mary A. Bartley, B. S., *Instr. Home Econ.*
‡May E. Foley, A. M., *Asst. Ext. Prof. Nutr.*
*Margaret Hamlin, A. B., *Agr. Counsellor for Women.*
‡Bertha Knight, B. S., *Asst. Ext. Prof. Home Econ.*
†Helen Knowlton, M. A., *Asst. Research Prof. Home Econ.*

Horticulture:
*†F. A. Waugh, M. S., *Head Div. of Hort. and of Dept. of Landsc. Gard.*
*†W. W. Chenoweth, M. S., *Head Dept. of Hort. Mfrs.*
*†F. C. Sears, M. S., *Head Dept. of Pomol.*
†J. K. Shaw, Ph. D., *Research Prof. Pomol.*
*C. L. Thayer, B. S., *Head Dept. of Flor.*
*L. B. Arrington, B. S., *Instr. Hort.*
†J. S. Bailey, M. S., *Invest. in Pomol.*
‡W. R. Cole, *Ext. Asst. Prof. Hort. Mfrs.*
†W. L. Cutler, *Lab. Asst. in Pomol.*
*‡L. S. Dickinson, B. S., *Asst. Prof. Hort.*
*B. D. Drain, S. M., *Asst. Prof. Pomol.*
†C. R. Fellers, Ph. D. *Research Prof. Hort. Mfrs.*
*A. P. French, M. S., *Instr. Pomol.*
*A. K. Harrison, *Asst. Prof. Landsc. Gard.*

Horticulture—Continued.
‡R. M. Koon, M. S., *Ext. Prof. Veg. Gard.* (*P. O., Waltham*).
*R. T. Muller, M. S., *Asst. Prof. Flor.*
*L. R. Quinlan, M. L. A., *Asst. Prof. Landsc. Gard.*
*G. J. Raleigh, M. S., *Instr. Pomol.*
*W. F. Robertson, B. S., *Instr. Hort. Mfrs.*
*G. B. Snyder, B. S., *Instr. Veg. Gard.*
‡W. H. Thies, M. S., *Ext. Asst. Prof. Pomol.*
*C. H. Thompson, M. S., *Prof. Hort.*
†V. A. Tiedjens, M. S., *Asst. Research Prof. Veg. Gard.* (*P. O., Waltham*).
*R. A. Van Meter, B. S., *Prof. Pomol.*

Microbiology:
*†C. E. Marshall, Ph. D., *Head of Dept. Dir. of Grad. School.*
*†L. A. Bradley, Ph. D., *Asst. Research Prof. Microbiol.*
*Mary E. M. Garvey, B. S., *Instr. Microbiol.*

Physics:
*W. F. Powers, Ph. D., *Head of Dept.*
*G. W. Alderman, A. B., *Instr. Phys.*

Veterinary Science:
*†G. E. Gage, Ph. D., *Head of Dept. Prof. An. Path.*
†P. E. Bransfield, B. S., *Analyst.*
†W. D. Field, B. S., *Collector.*
*†J. B. Lentz, A. B., V. M. D., *Asst. Research Prof. Vet. Sci.*
†Mrs. Leila H. Prescott, *Analyst* (*Poultry Diseases*).
†N. J. Pyle, V. M. D., *Asst. Research Prof. Avian Path.*
†H. F. Rowley, B. S., *Tech. Asst. in Vet. Sci. and An. Path.*

Zoology and Geology:
*C. E. Gordon, Ph. D., *Head of Dept.*
*G. C. Ring, M. A., *Instr. Zool.*

Miscellaneous:
†E. F. Gaskill, B. S., *Asst. to Sta. Dir.*
*†B. B. Wood, A. B., *Libr.*
*†F. C. Kenney, *Treas.*
†J. E. Ostrander, A. M., C. E., *Met.*
*R. H. Verbeck, B. S., *Dir. of Short Courses.*
*R. J. Watts, B. S., *Secy.*

Substations:
Cranberry Substa., *P. O., East Wareham*—
H. J. Franklin, Ph. D., *in charge.*
D. S. Lacroix, B. S., *Invest. in Agr.*
Market Garden Field Sta., *P. O., Waltham*—
R. M. Koon, M. S., *in charge.*

MICHIGAN

Michigan State College of Agriculture and Applied Science and the Agricultural Experiment Station, *East Lansing*

*College faculty. †Station staff. ‡Extension staff

*K. L. Butterfield, A. M., LL. D., *President*
*††R. S. Shaw, D. Agr., *Dean of Agr., Dir. of Sta.*
‡R. J. Baldwin, B. S., *Dir. of Ext. Work*

Animal Husbandry:
*†G. A. Brown, B. S., *Head of Dept.*
*G. A. Branaman, B. S., *Instr. An. Husb.*
*†W. E. J. Edwards, M. S., *Assoc. Prof. and Research Asst. in An. Husb.*
‡V. A. Freeman, B. S., *An. Husb. Specialist.*

Botany:
*†E. A. Bessey, Ph. D., *Head of Dept.*
†C. W. Bennett, M. S., *Research Asst. in Plant Path.*
*†Miriam C. Carpenter, M. S., *Instr. and Asst. in Plant Path.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

Botany—Continued.
*†H. F. Clements, M. S., *Instr. and Research Asst. in Plant Physiol.*
*†G. H. Coons, Ph. D., *Prof. and Assoc. Bot. in charge Plant Path.*
*H. T. Darlington, Ph. D., *Assoc. Prof. Bot.*
*Richard de Zeeuw, Ph. D., *Assoc. Prof. Bot.*
*†R. P. Hibbard, Ph. D., *Assoc. Prof. Bot.; Research Assoc. in Plant Physiol.*
†J. E. Kotila, M. S., *Research Asst. in Bot.*
†Ray Nelson, B. S., *Research Asst. in Plant Path.*
*F. C. Strong, B. S., *Instr. Bot.*
*E. F. Woodcock, Ph. D., *Asst. Prof. Bot.*

Chemistry:
*A. J. Clark, A. B., *Prof. and Head of Dept.*
†A. J. Patten, B. S., *Chem.*
*C. D. Ball, M. S., *Asst. Prof. Chem.*
†Selma L. Bandemer, M. S., *Asst. in Chem.*
†K. L. Burt, B. S., *Asst. in Chem.*
*D. T. Ewing, Ph. D., *Assoc. Prof. Chem.*
*B. E. Hartsuch, A. B., *Assoc. Prof. Chem.*
*R. C. Huston, Ph. D., *Prof. Org. and Biol. Chem.*
*H. D. Lightbody, M. S., *Asst. Prof. Chem.*
*W. C. Lewis, M. A., *Instr. Chem.*
*O'Neal Mason, M. A., *Instr. Chem.*
*F. H. Maxfield, B. S., *Instr. Chem.*
†E. J. Miller, Ph. D., *Research Assoc. in Chem.*
†Mrs. Marion G. Musselman, B. S., *Asst. Chem.*
*H. E. Publow, B. S., Ch. E., *Assoc. Prof. Chem.*
*H. S. Reed, B. S., *Assoc. Prof. Chem.*
†C. S. Robinson, Ph. D., *Research Assoc. Chem.*
†O. B. Winter, A. B., *Research Assoc. Chem.*

Dairy Husbandry:
*†O. E. Reed, M. S., *Head of Dept.*
‡R. H. Addy, *Dairying Specialist.*
‡A. C. Baltzer, B. S., *Dairying Specialist.*
*†J. E. Burnett, M. Agr., *Assoc. Prof. Dairy Husb.; Research Assoc. in Dairying.*
‡W. D. Burrington, M. S., *Dairy Husb. Specialist.*
‡George Girrbach, M. S., *Dairying Specialist.*
‡J. G. Hays, B. S., *Dairy Husb. Specialist.*
†C. F. Huffman, M. S., *Research Asst. in Dairying.*
*†P. S. Lucas, B. S., *Assoc. Prof. Dairy Mfrs.; Research Assoc. in Dairying.*
*†E. C. Scott, B. S., *Instr. and Asst. in Dairy Mfrs.*
*G. E. Taylor, M. S., *Instr. Dairy Husb. and Supt. Advanced Registry.*
‡J. G. Wells, jr., B. S., *Dairy Husb. Specialist.*

Economics (Agr.):
*†W. O. Hedrick, Ph. D., *Head of Dept.*
*†Claude Clayton, A. M., *Assoc. Prof. and Research Assoc. in Econ.*
‡W. C. Cribbs, *Market Specialist.*
*C. S. Dunford, M. A., *Assoc. Prof. Econ.*
*A. B. Forsberg, A. M., *Prof. Econ.*
*E. A. Gee, A. B., *Asst. Prof. Econ.*
*†J. T. Horner, M. A., *Prof. and Research Econ.*
‡G. A. Nahstoll, *Econ. Specialist.*
‡Gifford Patch, jr., B. S., *Market Specialist.*

Economics—Continued.
†F. T. Riddell, B. S., *Research Asst. in Econ.*
*Herman Wyngarden, A. M., *Assoc. Prof. Econ.*

Editorial—*See* **Publications.**

Education (Agr.):
*John Phelan, A. M., *Dean of Coll., Prof. Agr. Ed.*
*Katherine C. Andrews, B. S., *Critic Teacher in Home Econ.*
*Nellie Beaumont, A. B., *Supt. Critic Teacher in Home Econ.*
*Merle D. Byers, B. S., *Supt. Critic Teacher in Home Econ.*
*Myrtle D. Francis, M. S., *Supt. Critic Teacher in Home Econ.*
*E. L. Grover, B. S., *Assoc. Prof. Agr. Ed.*
*Minnie L. Irons, M. S., *Itinerant Teachers Training.*
*Myrtle D. Lightbourne, B. S., *Supt. Critic Teacher in Home Econ.*
*R. S. Linton, B. S., *Critic Teacher in Voc. Agr.*
*Leslie Nason, B. S., *Supt. Critic Teacher in Home Econ.*
*Mabel C. Rogers, A. M., *Supt. Critic Teacher in Home Econ.*
*John Rufi, M. A., *Assoc. Prof. Agr. Ed.*
*B. A. Walpole, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*†H. H. Musselman, B. S., *Head of Dept.*
‡George Amundson, *Agr. Engin. Specialist (P. O., Marquette).*
*†F. E. Fogle, B. S., *Asst. Prof. and Asst. in Agr. Engin.*
*†H. J. Gallagher, M. Agr., *Instr. and Asst. in Agr. Engin.*
*R. E. Hammond, *Instr. Agr. Engin.*
‡N. A. Kessler, B. S., *Agr. Engin. Specialist.*
‡L. F. Livingston, B. S., *Agr. Engin. Specialist (P. O., Marquette).*
†‡O. E. Robey, B. S., *Asst. in Agr. Engin., Drainage Specialist.*
*†E. C. Sauve, B. S., *Asst. Prof. and Asst. in Agr. Engin.*

Entomology:
*†R. H. Pettit, B. S., *Head of Dept.*
‡Edwin Ewell, *Specialist in Apiculture.*
†L. G. Gentner, M. S., *Research Asst. in Ent.*
*R. H. Kelty, B. S., *Asst. Prof. Ent.*
*J. C. Kremer, *Instr. Ent.*
*†Eugenia I. McDaniel, A. B., *Assoc. Prof. and Research Asst. Ent.*
*D. T. Ries, B. S., *Instr. Ent.*

Extension (Admin.):[1]
Director Baldwin *in charge.*
‡Mrs. Louise H. Campbell, B. S., *State Home Dem. Leader.*
‡A. G. Kettunen, B. S., *State Club Leader.*
‡E. G. Amos, B. S., *Asst. County Agt. Leader (P. O., Marquette).*
‡C. V. Ballard, B. S., *Asst. County Agt. Leader.*
‡Julia E. Brekke, M. A., *Asst. State Home Dem. Leader.*
‡R. G. Carr, B. S., *Asst. County Agt. Leader.*

[1] For subject-matter workers see the respective division, i. e., animal husbandry, botany, etc.

Extension—Continued.

‡Emma DuBord, B. S., *Asst. State Club Leader (P. O., Marquette).*

‡P. G. Lundin, B. S., *Asst. State Club Leader.*

‡K. H. McDonel, B. S., *Asst. to Dir.*

‡Nevels Pearson, B. S., *Asst. State Club Leader.*

‡Mrs. Bernice Wells, B. S., *Asst. State Home Dem. Leader (P. O. Marquette).*

‡Harriet Wilder, B. S., *Asst. State Club Leader.*

‡Sylva Wixson, B. S., *Asst. State Club Leader.*

‡M. L. Wright, B. S., *Asst. State Club Leader (P. O., Marquette).*

Farm Crops:

*†J. F. Cox, B. S., *Head of Dept.*

*†H. M. Brown, M. S., *Instr. and Research Asst. in Farm Crops.*

†B. R. Churchill, M. S., *Asst. in Farm Crops.*

*†C. E. Cormany, M. S., *Asst. Prof. and Asst. in Farm Crops.*

*†E. E. Down, B. S., M. Agr., *Asst. Prof. and Research Assoc. in Farm Crops (Coop. U. S. D. A.).*

*†J. R. Duncan, *Instr. and Asst. in Farm Crops.*

*G. A. Getman, *Field Foreman in Farm Crops.*

‡L. D. Kurtz, B. S., *Farm Crops Specialist.*

†C. A. Lavis, B. S., *Research Asst. in Farm Crops.*

†J. G. Lill, M. S., *Sugar Beet Invest. (Coop. U. S. D. A.).*

*†C. R. Megee, A. M., *Assoc. Prof. and Research Assoc. in Farm Crops.*

‡P. R. Miller, M. S., *Farm Crops Specialist.*

†‡H. C. Moore, B. S., *Research Asst. in Farm Crops, Potato Specialist.*

*†H. R. Pettigrove, B. S., *Asst. Prof. and Research Asst. in Farm Crops.*

†‡D. F. Rainey, B. S., *Asst. and Specialist in Farm Crops.*

‡H. C. Rather, B. S., *Farm Crops Specialist.*

†B. B. Robinson, M. S., *Flax Breeder (Coop. U. S. D. A.).*

‡C. E. Skiver, *Farm Crops Specialist (P. O., Marquette).*

†‡J. W. Weston, B. S., *Research Asst. in Farm Crops, Potato Specialist.*

Forestry:

*†A. K. Chittenden, M. F., *Head of Dept.*

*J. C. DeCamp, M. F., *Asst. Prof. For.*

*†P. A. Herbert, M. F., *Asst. Prof. and Asst. For.*

†Fay Hyland, B. S., *Research Asst. in For. (P. O., Sault Ste. Marie).*

‡R. F. Kroodsma, M. F., *For. Specialist.*

Home Economics:

*Jean Krueger, Ph. B., M. S., *Dean of Dir.*

*Anna E. Bayha, M. A., *Assoc. Prof. Clothing.*

*Elizabeth Bemis, B. S., *Super. Institutional Mgt.*

*Louise I. Clemens, B. S., *Assoc. Prof. Home Econ.*

*Ruth M. Cowan, M. S., *Asst. Prof. Home Econ.*

*†Marie Dye, Ph. D., *Assoc. Prof. Home Econ.; Research in Nutr.*

*Winifred S. Gettemy, *Assoc. Prof. Household Art.*

*Irma H. Gross, M. S., *Instr. Home Econ. and Voc. Ed.*

Home Economics—Continued.

*Audrey Hickman, B. S., *Instr. Home Econ.*

*Josephine Hoffarth, Ph. B., *Instr. Home Econ.*

‡Marion R. Hoffman, *Clothing Specialist.*

*Osee Hughes, B. A., *Assoc. Prof. Household Sci. and Asst. to Dean.*

‡Martha M. Hunter, A. B., *Nutr. Specialist.*

*Emma D. Leland, B. S., *Asst. in Institutional Mgt.*

*Mary E. Shellenberger, B. S., *Instr. Home Econ.*

‡Edna V. Smith, B. S., *Home Mgt. Specialist.*

‡Agnes Sorenson, B. S., *Clothing Specialist.*

*Julia F. Tear, A. B., *Asst. Prof. Home Econ.*

*Ethel G. Webb, B. S., *Assoc. Prof. Home Econ.*

‡Carrie C. Williams, B. S., *Clothing Specialist.*

Horticulture:

*†V. R. Gardner, M. S., *Head of Dept.*

*C. P. Halligan, B. S., *Head of Landsc. Gard.*

*†F. C. Bradford, M. S., *Assoc. Prof. and Research Assoc. Hort.*

‡H. A. Cardinell, B. S., *Hort. Specialist.*

*†J. W. Crist, Ph. D., *Asst. Prof. and Research Asst. in Hort.*

†W. C. Dutton, M. S., *Research Assoc. in Hort.*

*J. B. Edmond, M. S., *Instr. Hort.*

‡H. D. Hootman, *Hort. Specialist.*

*†Alex Laurie, M. A., *Instr. and Asst. in Hort.*

*†R. E. Loree, M. S., *Asst. Prof. and Asst. in Hort.*

*†R. E. Marshall, M. S., *Assoc. Prof. and Research Assoc. Hort.*

*Harvard Norton, M. L. A., *Instr. Landsc. Arch.*

*†N. L. Partridge, Ph. D., *Asst. Prof. and Research Asst. in Pomol.*

†‡G. E. Starr, *Research Assoc. Hort.*

Meteorology:

*D. A. Seeley, M. S., *Instr. Met.*

Physics:

*C. W. Chapman, B. S., *Head of Dept.*

*J. G. Black, M. S., *Instr. Phys.*

*W. E. Laycock, A. B., *Assoc. Prof. Phys.*

*L. B. Morell, M. A., *Assoc. Prof. Phys.*

*Edwin Morrison, M. S., *Asst. Prof. Phys.*

*S. Elizabeth Morrison, B. S., *Lab. Asst. in Phys.*

*O. L. Snow, B. S., *Assoc. Prof. Phys.*

Poultry Husbandry:

*†C. G. Card, B. S., *Head of Dept.*

‡Harold Canfield, M. S., *Poultry Specialist.*

*C. M. Ferguson, B. S., *Asst. Prof. Poultry Husb.*

‡J. A. Hannah, B. S., *Poultry Specialist.*

‡J. M. Moore, M. S., *Poultry Specialist.*

Publications:

‡J. S. Crossman, B. S., *Ext. News Editor.*

‡L. W. Feighner, *Rural Press Work.*

*‡J. D. Gamble, *Radio Program Dir.*

‡J. B. Hasselman, A. B., *Super. Publicity Work.*

Sociology (Rural):

*†Eben Mumford, Ph. D., *Head of Dept.*

*C. R. Hoffer, Ph. D., *Assoc. Prof. Rural Sociol.*

*†P. H. Pearson, B. A., *Statistical Secy.*

*†J. F. Thaden, M. S., *Asst. Prof. and Research Asst. in Rural Sociol.*

Soils:

*†M. M. McCool, Ph. D., *Head of Dept.*
†G. J. Bouyoucos, Ph. D., *Research Assoc. in Soils.*
†‡G. M. Grantham, B. S., *Research Assoc. in Soils.*
*††P. M. Harmer, Ph. D., *Asst. Prof. and Research Assoc. in Soils.*
†J. S. Hyde, B. S., *Asst. in Soils.*
*†C. E. Kellogg, B. S., *Asst. in Soils.*
*†C. E. Millar, Ph. D., *Prof. and Research Assoc. in Soils.*
‡O. B. Price, A. M., *Soils Specialist.*
*†J. D. Romaine, M. S., *Instr. and Research Asst. in Soils.*
†G. R. Schlubatis, B. S., *Research Asst. in Soils.*
†C. H. Spurway, M. Agr., *Research Assoc. in Soils.*
†F. W. Trull, B. S., *Research Asst. in Soils.*
†J. O. Veatch, A. B., *Research Assoc. in Soils.*
†A. G. Weidemann, B. S., *Research Asst. in Soils.*
*†L. C. Wheeting, M. S., *Asst. Prof. and Research Asst. in Soils.*

Veterinary Medicine:

*†Ward Giltner, D. V. M., M. S., *Dean of Dept., Prof. Bact. and Hyg.; Bact.*
*F. W. Chamberlain, B. S., D. V. M., *Prof. Comp. Anat.*
*†W. L. Chandler, Ph. D., *Asst. Prof. Bact.; Research Assoc. in Parasitol.*
*†A. L. Delez, D. V. M., *Tech. in An. Path.*
*†F. W. Fabian, M. S., *Assoc. Prof. and Research Assoc. in Bact.*
*†E. T. Hallman, D. V. M., *Assoc. Prof. An. Path.; An. Path.*
†I. F. Huddleson, M. S., D. V. M., *Research Assoc. Bact.*

Veterinary Medicine—Continued.

*J. P. Hutton, D. V. M., *Assoc. Prof. Vet. Surg. and Med.*
*H. E. Johnson, D. V. M., *Asst. Prof. Anat.*
*†W. LeR. Mallman, M. S., *Asst. Prof. and Research Assoc. Bact.*
*B. B. Roseboom, B. S., *Assoc. Prof. Physiol. and Pharmacol.*
*†G. L. A. Ruehle, M. S., *Asst. Prof. and Research Assoc. Bact.*
*E. K. Sales, D. V. M., *Asst. Prof. Vet. Surg. and Med.*
*†L. B. Sholl, B. S., D. V. M., *Instr. and Asst. in An. Path.*
†R. M. Snyder, Ph. D., *Research Assoc. in Bact.*
*†H. J. Stafseth, D. V. M., M. S., *Assoc. Prof. and Research Assoc. Bact.*
†J. P. Torrey, M. S., *Research Asst. in Bact.*
†Dorothy M. Yakeley, B. S., *Asst. in Bact.*

Zoology and Geology:

*†H. R. Hunt, Ph. D., *Prof. Zool. and Geol.; Zool.*
*S. G. Bergquist, A. B., *Assoc. Prof. Geol.*
*J. W. Stack, M. S., *Assoc. Prof. Zool.*

Miscellaneous:

*†E. B. Hill, M. Agr., *Asst. to Dean and Dir.*
*R. S. Hudson, B. S., *Farm Supt.*
*†Mrs. Linda E. Landon, *Libr.*

Substations:

Graham Hort. Expt. Sta., *R. F. D. 7, Grand Rapids*—H. M. Wells, M. S., *Supt.*
South Haven Hort. Expt, Sta., *P. O., South Haven*—Stanley Johnston, B. S., *Supt.*
Upper Peninsula Expt. Sta., *P. O., Chatham*—G. W. Putnam, M. S., *Dir. and Research Assoc. in Farm Crops.*

MINNESOTA

Department of Agriculture (College of Agriculture, Forestry, and Home Economics, the School of Agriculture, and the Agricultural Experiment Station) of the University of Minnesota, *University Farm, St Paul*

*College faculty. †Station staff. ‡Extension staff

*L. D. Coffman, Ph. D., *President of University (P. O. Minneapolis)*
*†W. C. Coffey, M. S., *Dean Dept. of Agr., Dir. of Sta.*
*†E. M. Freeman, Ph. D., *Dean Coll. of Agr., For., and Home Econ.*
‡F. W. Peck, M. S., *Dir. of Agr. Ext. and Supt. of Farmers' Insts.*

Agronomy and Farm Management:

*†Andrew Boss, *Chief of Div. Vice Dir. of Sta.*
*†H. K. Hayes, D. Sc., *Prof. Plant Brdg.; Assoc. Agron. in charge Plant Brdg. (Coop. U. S. D. A.).*
†C. L. Alexander, *Asst. in Plant Brdg.*
*†A. C. Arny, M. S., *Assoc. Prof. and Assoc. Agron. in charge Farm Crops.*
*†L. B. Bassett, *Assoc. Prof. and Assoc. in Farm Mgt.*
*†H. E. Brewbaker, M. S., *Instr. and Asst. in Plant Brdg.*
‡W. L. Cavert, M. S., *Farm Mgt. Dem. Agt.*
††R. F. Crim, B. S., *Crop Specialist.*
*†L. F. Garey, M. A., *Asst. Prof. Farm Mgt.; Asst. in Farm Mgt. Invest.*
†August Haedecke, *Asst. in Agron.*
*F. L. Higgins, M. S., *Instr. Agron.*

Agronomy and Farm Management—Contd.

†A. T. Hoverstad, B. S., *Asst. in Farm Mgt.*
†J. H. Lefforge, B. S., *Asst. in Farm Crops.*
*†F. W. McGinnis, M. S., *Asst. Prof. and Asst. Agron.*
*†G. A. Pond, M. S., *Assoc. Prof. Farm Mgt.; Assoc. Agr. (Coop. U. S. D. A.).*
*†F. H. Steinmetz, M. S., *Instr. Farm Crops; Asst. Agron.*
*†F. J. Stevenson, M. S., *Asst. Prof. and Asst. Agron.*

Animal Husbandry:

*†W. H. Peters, M. Agr., *Chief.*
*†E. F. Ferrin, M. Agr., *Prof. and Asst. Chief An. Husb.*
*†P. A. Anderson, B. S., *Asst. Prof. and Asst. An. Husb.*
‡A. A. Dowell, M. S., *Livestock Specialist.*

Animal Husbandry—Continued.
*†A. L. Harvey, M. S., *Instr. An. Husb.; Asst. in Beef Cattle Husb.*
†M. A. McCarty, M. S., *Asst. An. Husb.*
*†H. W. Vaughan, M. S., *Prof. and An. Husb. in charge Beef Cattle Husb.*
‡H. G. Zavoral, B. S., *Livestock Specialist.*

Biochemistry (Agr.):
*†R. A. Gortner, Ph. D., *Chief.*
*†C. H. Bailey, Ph. D., *Prof. Agr. Biochem.; Assoc. Agr. Biochem. in charge Cereal Tech.*
†K. W. Franke, M. S., *Asst. in Agr. Biochem.*
*J. R. Haag, M. S., *Instr. Agr. Biochem.*
*†W. F. Hoffman, Ph. D., *Asst. Prof. Agr. Biochem.; Asst. Chem.*
†Otto Johnson, B. A., *Asst. in Agr. Biochem.*
*†Cornelia Kennedy, Ph. D., *Asst. Prof. and Asst. Agr. Biochem.*
*C. A. Morrow, Ph. D., *Asst. Prof. Agr. Biochem.*
*†L. S. Palmer, Ph. D., *Prof. Agr. Biochem.; Dairy Chem.*
*†W. M. Sandstrom, M. S., *Instr. and Asst. Agr. Biochem.*
†G. S. Taylor, A. B., *Asst. Agr. Biochem.*
*†J. J. Willaman, Ph. D., *Assoc. Prof. Plant Chem.; Plant Chem.*

Dairy Husbandry:
*†C. H. Eckles, D. Sc., *Chief.*
*†W. B. Combs, M. S., *Prof. Dairy Husb.; in charge Dairy Prod.*
‡C. C. Geddes, *Asst. Dairy Specialist.*
*†T. W. Gullickson, M. S., *Asst. Prof. and Asst. Dairy Husb.*
‡E. A. Hanson, B. S., *Dairy Specialist.*
*†Harold Macy, B. S., *Asst. Prof. and Asst. Dairy Bact.*
*‡W. E. Petersen, M. S., *Asst. Prof. Dairy Husb., Supt. Official Tests.*
†H. B. Richie, B. S., *Asst. in Dairy Products.*
*†O. G. Schaefer, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡H. R. Searles, B. S., *Dairy Specialist.*
*†L. M. Thurston, B. S., *Instr. and Asst. in Dairy Husb.*
‡L. V. Wilson, B. S., *Dairy Specialist.*

Economics (Agr.):
*†J. D. Black, Ph. D., *Chief.*
*†R. A. Ballinger, M. A., *Instr. and Asst. Agr. Econ.*
*†E. W. Gaumnitz, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*
*†B. M. Gile, M. S., *Instr. and Research Asst. in Agr. Econ.*
*†B. A. Holt, M. A., *Instr. and Asst. Agr. Econ.*
*P. M. Lowe, M. A., *Instr. Agr. Econ.*
*B. V. McCaul, M. S., *Instr. Agr. Econ.*
†Hutzel Metzger, M. S., *Research Asst. in Agr. Econ.*
†D. C. Mumford, M. S., *Research Asst. in Farm Mgt.*
*†Lawrence Myers, M. S., *Instr. and Research Asst. in Agr. Econ.*
*†H. B. Price, Ph. D., *Assoc. Prof. and Asst. Agr. Econ.*
‡T. G. Stitts, Ph. D., *Marketing Specialist.*
*W. C. Waite, Ph. D., *Asst. Prof. Agr. Econ.*

Editorial—*See* **Journalism.**

Education (Agr.):
*A. V. Storm, Ph. D., *Chief of Div., Dir. of Short Courses.*
*D. D. Mayne, *Prof. Agr. Pedag., Prin. Central School of Agr.*
*W. P. Dyer, M. A., *Asst. Prof. Agr. Ed.*
*A. M. Field, M. S., *Asst. Prof. Agr. Ed.*
*F. W. Lathrop, Ph. D., *Assoc. Prof. Agr. Ed.*
*V. E. Nylin, B. S., *Instr. Agr. Ed.*

Engineering (Agr.):
*†William Boss, *Chief.*
*J. G. Dent, *Instr. Farm. Engin.*
*M. G. Jacobson, *Instr. Farm Bldgs.*
†C. E. Johnson, B. S., *Asst. in Land Clearing*
*J. H. Neal, B. S., *Instr. Agr. Engin.*
*Mrs. Dorothy Page, B. A., *Instr. Agr. Engin.*
*†H. B. Roe, B. S., *Assoc. Prof. Farm Engin.; in charge of Drainage.*
*†J. Romness, B. A., *Instr. and Asst. Agr. Phys.*
*†A. J. Schwantes, G. A., *Asst. Prof. Agr. Engin.; Specialist in Land Clearing.*
*†E. A. Stewart, B. S., *Assoc. Prof. and Assoc. Agr. Physicist.*
†M. J. Thompson, M. S., *Land Clearing Invest. (P. O., Duluth).*
*†J. B. Torrance, B. S., *Asst. Prof. Farm Engin.; in charge Sec. of Farm Mech.*
*A. G. Tyler, *Asst. Prof. Farm Engin.*
*†H. B. White, B. S., *Asst. Prof. and in charge Sec. of Farm Bldgs.*

Entomology and Zoology:
*†N. R. Chapman, Ph. D., *Chief.*
*†W. A. Riley, Ph. D., *Prof. Ent.*
*†Frances Jager, *Prof. Bee Culture.*
*†S. A. Graham, Ph. D., *Asst. Prof. Ent.; Asst. in Econ. Zool.*
*M. S. Johnson, Ph. D., *Asst. Prof. Econ. Zool.*
*†C. E. Mickel, Ph. D., *Asst. Prof. Systematic Ent.; Curator.*
*O. W. Oestlund, Ph. D., *Asst. Prof. Ent. and Econ. Zool.*
*C. B. Philip, M. S., *Instr. Parasitol.*
*†A. G. Ruggles, M. A., *Prof. Econ. Ent.; Ent. (State Ent.).*
†A. L. Strand, M. S., *Asst. Ent.*
*H. L. Sweetman, M. S., *Instr. Econ. Ent.*
†J. W. Thompson, B. S., *Asst. in Bee Culture.*

Extension (Admin.): [1]
Director Peck *in charge.*
‡J. F. Kuehn, *Asst. to Ext. Dir.*
‡F. E. Balmer, B. S., *County Agt. Leader.*
‡Julia O. Newton, B. A., *State Home Dem. Leader.*
‡T. A. Erickson, B. A., *State Club Leader.*
‡F. J. Brown, B. S., *Asst. County Agt. Leader.*
‡S. B. Cleland, B. S., *Asst. County Agt. Leader*
‡W. E. Morris, B. S., *Asst. County Agt. Leader.*

Forestry:
*†Henry Schmitz, Ph. D., *Chief.*
*†J. H. Allison, Ph. B., M. F., *Prof. and Assoc. For.*
‡P. O. Anderson, B. S., *For. Specialist.*
*H. E. Bartelt, B. S., *Instr. For.*
*†S. S. Burton, B. S., *Instr. and Asst. For.*
*†E. G. Cheyney, B. A., *Prof. For.; For.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Forestry—Continued.
*D. A. Kribs, B. S., *Instr. For.*
*†E. E. Probstfield, B. S., *Instr. and Asst. For.*
*†J. P. Wentling, M. A., *Assoc. Prof. and Assoc. For.*

Home Economics:
*Wylle B. McNeal, M. A., *Chief.*
*Helen G. Belden, B. S., *Asst. in Institutional Mgt.*
*Alice M. Biester, M. A., *Assoc. Prof. Nutr.*
*Carlotta M. Brown, *Instr. Millinery.*
*Clara M. Brown, B. A., *Asst. Prof. Home Econ.*
‡Mary L. Bull, *Home Mgt. Specialist.*
*Margaret S. Chaney, Ph. D., *Asst. Prof. Nutr.*
*Alice M. Child, M. A., *Asst. Prof. Foods and Cookery.*
*Kathleen S. Dietrich, B. S., *Instr. Nutr.*
*Agnes Douglass, B. S., *Assoc. Prof. Drawing and Design.*
*Frances Dunning, B. S., *Instr. Institutional Mgt.*
*Adella I. Eppel, M. S., *Instr. Textiles.*
*Hally J. Fisher, R. N., *Instr. Home Nursing.*
*Harriet I. Goldstein, *Assoc. Prof. Drawing and Design.*
*Vetta Goldstein, *Instr. Drawing and Design.*
*Ethel R. Gorham, A. M., *Instr. Textiles and Clothing.*
‡Inez M. Hobart, M. A., *Nutr. Specialist.*
*Lucille M. Horton, B. S., *Instr. Nutr.*
*Nora Iddings, M. S., *Asst. Prof. Textiles and Clothing.*
*Mrs. Gretchen Ilg, *Instr. Drawing and Design.*
*Aura I. Keever, B. S., *Instr. Textiles and Clothing.*
*Agnes M. Kolshorn, M. A., *Instr. Home Econ.*
*Louise Landis, *Instr. Home Econ.*
*Jane M. Leichsenring, Ph. D., *Asst. Prof. Nutr.*
*Caroline Little, B. S., *Instr. Textiles and Clothing.*
*Katherine H. McFarland, M. A., *Asst. Prof Institutional Mgt.*
*Muriel G. McFarland, B. S., *Instr. Home Econ.*
*Jessie E. McMahon, M. S., *Instr. Home Econ.*
*Amy P. Morse, B. A., *Asst. Prof. Drawing and Design.*
*Beatrice T. Olson, M. S., *Instr. Home Econ.*
*Fern E. Osbeck, B. S., *Instr. Home Econ.*
*Verna Payson, *Instr. Home Econ.*
*Ethel L. Phelps, M. S., *Asst. Prof. Textiles and Clothing.*
‡Lois Reid, B. S., *Clothing Specialist.*
*Ellen J. Rose, B. S., *Instr. Home Econ.*
*Iva I. Sell, Ph. B., *Instr. Home Econ.*
*Louise Sobye, B. S., *Instr. Home Econ.*
*M. Louise Stoddard, *Instr. Home Econ.*
*Lucy A. Studley, M. A., *Asst. Prof. Home Econ.*
*Marion Weller, B. A., *Assoc. Prof. Textiles and Clothing.*
‡Bessie C. Willis, B. S., *Clothing Specialist.*

Horticulture:
*†W. H. Alderman, B. S., *Chief.*
*†J. H. Beaumont, Ph. D., *Asst. Prof. and Asst. Hort.*

Horticulture—Continued.
*†W. G. Brierley, M. S., *Assoc. Prof. and Assoc. Hort.*
*†B. I. Burrell, B. S., *Instr. and Asst. Hort.*
*†C. E. Cary, B. S., *Asst. Prof. Hort.; in charge Landsc. Gard.*
*†A. C. Hildreth, B. S. *Instr. and Asst. Hort.*
*†F. A. Krantz, Ph. D., *Asst. Prof. Hort.; in charge Veg. Gard.*
‡R. S. Mackintosh, M. S., *Hort. Specialist.*
*†H. P. Traub., M. S., *Instr. and Asst. in Hort.*
*†A. N. Wilcox, M. S., *Instr. and Asst. Hort.*

Journalism:
*†‡W. P. Kirkwood, M. A., *Proj. Agr. Journalism; Editor.*
†G. D. George, *Illustrator.*
†Alice McFeely, *Asst. Editor.*
‡E. C. Torrey, *Publicity Specialist.*

Plant Pathology and Botany:
Dean Freeman *in charge.*
*†E. C. Stakman, Ph. D., *Prof. and Assoc. Plant Path.* (*Coop. U. S. D. A.*).
*†J. J. Christensen, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†Louise Dosdall, Ph. D., *Instr. Plant Path.; Mycol.*
†Helen Hart, M. A., *Asst. Plant Path.*
*†R. B. Harvey, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*
†A. W. Henry, Ph. D., *Asst. Plant Path.*
*†A. H. Larson, B. S., *Asst. Prof. Plant Path.; Seed Analyst.*
*†J. G. Leach, Ph. D., *Asst. Prof. and Asst. Plant Path. and Bot.*
*P. D. Peterson, B. S., *Instr. Plant Path.*
*†R. M. Nelson, M. S., *Instr. and Asst. in For. Path.*
†L. O. Regeimbal, M. S., *Expt. Lab. Asst.*
*†H. A. Rodenhiser, M. S., *Instr. and Asst. Plant Path.*
‡R. C. Rose, M. S., *Plant Path. Specialist.*
†Mrs. Ruby U. Crouley, *Asst. Seed Analyst.*

Poultry Husbandry:
*†A. C. Smith, B. S., *Chief.*
‡N. E. Chapman, M. A., *Poultry Specialist.*
‡Cora E. Cooke, B. S., *Poultry Specialist.*

Soils:
*†F. J. Alway, Ph. D., *Chief.*
*†G. B. Bodman, M. S., *Instr. Soils; Asst. Soils Chem.*
*†P. R. McMiller, M. S., *Asst. Prof. and Asst. Soils Chem.*
†William Methley, *Asst. in Soils.*
†‡G. H. Nesom, B. S., *Soils Specialist.*
†R. M. Pinckney, Ph. D., *Research Asst. in Soils.*
*†C. O. Rost, Ph. D., *Assoc. Prof. Soils; Asst. Soils Chem.*

Veterinary Medicine:
*†C. P. Fitch, M. S., D. V. M., *Chief.*
‡W. A. Billings, D. V. M., *Vet. Med. Specialist.*
*†W. L. Boyd, D. V. S., *Prof. Vet. Med.; in charge Sec. of Vet. Med. and Path.*
*E. A. Hewitt, B. S., D. V. M., *Asst. Prof. Vet. Med.*
*†H. C. H. Kernkamp, D. V.M., *Asst. Prof. Vet. Med.; Asst. Vet.*

Veterinary Medicine—Continued.
†R. E. Lubbehusen, B. S., D. V. M., *Asst. An. Path.*
*†M. H. Reynolds, D. V. M., M. D., *Prof. Vet. Med.; in charge Sec. of Vet. Sanitation.*

Miscellaneous:
*†Harriet W. Sewall, B. A., *Libr.*

Substations:
Lake States Expt. Sta., *P. O., Cloquet*—
Raphael Zon, F. E., *Director.*
T. S. Hansen, M. F., *Supt.*
S. S. Burton, B. S., *Asst. For.*
E. E. Probstfield, B. S., *Asst. For.*
Forest Expt. Sta., *P. O., Itasca*—
H. T. Branegan, *Foreman.*
Fruit Brdg. Farm, *P. O., Excelsior*—
F. E. Haralson, *Asst. Supt.*
F. A. Anderson, *Foreman.*
North Central Substa., *P. O., Grand Rapids*—
O. I. Bergh, B. S., *Supt.*

Substations—Continued.
NE. Dem. Farm and Substa., *P. O., Duluth*—
M. J. Thompson, M. S., *Supt.*
NW. Substa., *P. O., Crookston*—
C. G. Selvig, M. A., *Supt.*
R. S. Dunham, B. S., *Agron.*
A. M. Foker, *Agr. Engin.*
O. M. Kiser, B. S., *An. Husb.*
D. H. La Voi, B. S., *An. Husb.*
T. M. McCall, B. S., *Hort. and Field Mgr.*
A. M. Pilkey, *Poultryman.*
SE. Dem. Farm and Substa., *P. O., Waseca*—
R. E. Hodgson, B. S., *Supt.*
G. A. McColley, *Foreman.*
West Central Substa., *P. O., Morris*—
P. E. Miller, M. Agr., *Supt.*
J. A. Anderson, B. S., *Asst. Hort.*
R. O. Bridgford, B. S., *Agron.*
P. S. Jordan, B. S., *An. and Dairy Husb.*

MISSISSIPPI

Mississippi Agricultural and Mechanical College and Agricultural Experiment Station, *A. and M. College*

*College faculty. †Station staff. ‡Extension staff

*B. M. Walker, Ph. D., *President*
*J. N. Lipscomb, M. S., *Dean School of Agr.*
†J. R. Ricks, M. S., *Dir. of Sta.*
‡R. S. Wilson, B. S., *Dir. of Ext. Work*

Agronomy:
Director Ricks, *Sta. Agron.*
*A. D. Suttle, Ph. D., *Prof. Agron.*
*A. G. Burg, M. S., *Assoc. Prof. Agron.*
*†F. O. Cork, B. S., *Asst. Prof. Agron.; Supt. Farm Mgt. Voc. Projects.*
†Rowland Cowart, M. S., *Assoc. Agron.*
†W. W. Hull, B. S., *Asst. Plant Breeder.*
†D. W. McIlwain, *Agron. Foreman.*
†J. F. O'Kelly, M. S., *Plant Breeder.*

Animal Husbandry:
*†G. S. Templeton, B. S., *Head of Dept.*
*P. G. Bedenbaugh, B. S., *Asst. Prof. An. Husb.*
*†C. J. Goodell, B. S., *Assoc. Prof. and Assoc. An. Husb.*
‡P. F. Newell, *Ext. An. Husb.*

Bacteriology:
*†C. F. Briscoe, Ph. D., *Head of Dept.*
*†H. H. Harned, M. S., *Assoc. Prof. and Assoc. Bact.*

Botany:
*†J. M. Beal, M. S., *Head of Dept.*
*J. C. McKee, M. S., *Assoc. Prof. Bot.*
†D. C. Neal, M. S., *Plant Path.*

Chemistry:
*†W. F. Hand, Ph. D., *Head of Dept.* (*State Chem.*).
*H. T. Beach, Ph. D., *Asst. Prof. Chem.*
*G. W. Carroll, B. A., *Assoc. Prof. Chem.*
†R. H. Smith, B. S., *Research Chem.*
*Paul Warttman, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry:
*†J. S. Moore, M. S., *Head of Dept.*
*†W. C. Cowsert, B. S., *Asst. Prof. and Dairy, Husb.*
‡J. A. Fenger, *Agt. in Dairying* (*Coop. U. S. D. A.*).
‡H. C. Ferguson, B. S., *Dairy Specialist* (*P. O., Jackson*).
*F. H. Herzer, B. S., *Assoc. Prof. Dairying.*
‡L. A. Higgins, B. S., *Ext. Dairy Husb.*
*E. D. Martindale, B. S., *Instr. Dairy Husb.*
†Duff Maxwell, *Herdsman.*

Economics (Agr.):
†L. E. Long, M. S., *Research Econ.*
‡R. W. Beck, *Marketing Specialist.*
‡Mary A. Gordon, *Agt. in Marketing.*
‡T. M. Patterson, M. S., *State Marketing Agt.* (*Coop. U. S. D. A.*).

Editorial:
*††Ben Hilburn, B. S., *Agr. Editor and Publicity Work.*

Education (Agr.):
*V. G. Martin, A. B., *Head of Dept.*
*C. E. Cain, M. S., *Asst. Prof. Agr. Ed.*
*S. S. Greene, B. S., *Assoc. Prof. Agr. Ed.*
*D. V. Stapleton, B. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):
*†W. C. Howell, M. S., *Head of Dept.*
*‡J. W. Carpenter, jr., B. S., *Assoc. Prof. Agr. Engin.*
‡J. T. Copeland, B. S., *Agr. Engin. Specialist.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Director Wilson *in charge.*
‡J. W. Willis, B. S., *Asst. Ext. Dir. and State Agt. in charge Men's Work.*
‡Mrs. Mary B. Giesen, *State Home Dem. Agt.*
‡J. E. Tanner, *State Club Agt.*
‡J. M. Dean, *Asst. in Boys' Club Work.*
‡F. J. Hurst, B. S., *Asst. in Boys' Club Work.*
‡H. S. Johnson, B. S., *Asst. in Boys' Club Work.*
‡Elaine E. Massey, *Asst. in Girls' Club Work.*

Geology:
*†W. C. Morse, M. A., *Head of Dept.*
*F. E. Vestal, M. S., *Assoc. Prof. Geol.*

Home Economics:
†Dorothy Dickens, M. A., *Head Dept. of Home Econ. Research (P. O., Columbus).*
‡Anne O. Jordan, B. S., *Household Art Specialist.*
‡Elizabeth Riley, *Foods and Nutr. Specialist.*

Horticulture:
*†J. C. C. Price, B. S., *Head of Dept.*
*C. S. Adams, B. S., *Assoc. Prof. Hort.*
‡Lyle Brown, B. S., *Fruit Specialist.*
‡A. B. McKay, M. S., *Leader in Hort. Ext.*
*P. B. Monosmith, *Instr. Hort.*

Physics:
*H. W. Moody, Ph. D., *Head of Dept.*
*G. F. Barnes, A. M., *Assoc. Prof. Phys.*

Poultry Husbandry:
*†E. P. Clayton, *Head of Dept.*
*J. P. H. Clayton, B. S., *Asst. Prof. Poultry Husb.*
‡G. R. Sipe, *Ext. Poultry Husb.*

Veterinary Medicine:
*†C. B. Cain, D. V. M., M. S., *Assoc. Prof. Vet. Sci.; Vet.*

Zoology and Entomology:
*†‡R. W. Harned, B. S., *Head of Dept. (State Ent.).*
†H. W. Allen, M. S., *Ent.*
†A. L. Hamner, M. S., *Asst. Ent.*
†J. M. Langston, M. S., *Assoc. Ent. (Coop. U. S. D. A.).*
*†R. N. Lobdell, M. S., *Assoc. Prof. Zool. and Ent.; Zool.*
*E. W. Stafford, M. S., *Assoc. Prof. Zool. and Ent.*

Miscellaneous:
*Whitman Davis, M. S., *Libr.*
*†‡M. H. Moore, *Secy., Treas.*

Substations:
J. R. Ricks, M. S., *Director.*
Coastal Plains Sta., *P. O., McNeill—*
S. W. Green, *in charge (Coop. U. S. D. A.).*
Delta Branch Sta., *P. O., Stoneville—*
W. E. Ayres, M. S., *Asst. Dir. and Plant Breeder.*
K. C. Livingston, *Farm Foreman.*
H. A. York, B. S., *Assistant.*
Holly Springs Branch Sta., *P. O., Holly Springs—*
C. T. Ames, B. S., *Asst. Dir.*
J. C. Ryan, *Farm Foreman.*
H. F. Wallace, B. S., *Asst. Agron.*
Raymond Branch Sta., *P.O., Raymond—*
C. B. Anders, B. S., *Asst. Dir.*
J. C. Peyton, *Farm Foreman.*
South Miss. Branch Sta., *P. O., Poplarville—*
E. B. Ferris, M. S., *Asst. Dir.*
W. S. Anderson, B. S., *Hort.*
B. V. Evans, *Farm Foreman.*

Alcorn Agricultural and Mechanical College, *Alcorn*

*Agricultural faculty

*L. J. Rowan, Ph. D., *President*

*P. S. Bowles, B. S., *Prof. Agr. Ed.*
*A. T. Busby, *Asst. Prof. Agr. Ed. and Dairying.*
*E. R. Correll, B. S., *Instr. Farm Mech.*
*Sarah P. Holmes, *Prof. Home Econ. Ed.*
*Selina C. Jackson, *Instr. Nurse Training.*
*Mrs. B. M. Johnson, *Instr. Housekeeping.*
*L. J. McKay, B. S., *Farm Supt.*
*W. S. Nelson, *Instr. Laundering.*
*Mrs. Eunice M. Powell, B. S., *Prof. Home Econ. Ed.*
*O. W. Sanders, B. S., *Asst. Prof. Voc. Ed.*
*Mrs. Alice L. Tanner, *Instr. Dom. Art.*
*H. T. Tanner, *Prof. Hort.*
*J. B. Wright, B. S., *Asst. Prof. Agr. Ed.*

MISSOURI

College of Agriculture and the Agricultural Experiment Station of the University of Missouri,[2] *Columbia*

*College faculty. †Station staff. ‡Extension staff

*S. D. Brooks, M. Ped., A. M., LL. D., *President of University*
*†F. B. Mumford, M. S., *Dean Coll. of Agr., Dir. of Sta. Prof. An. Husb.*
‡A. J. Meyer, B. S., *Dir. of Agr. Ext. Service*

Animal Husbandry:
*†E. A. Trowbridge, B. S., *Prof. and Chair. of Dept.*
‡J. W. Burch, B. S., *Ext. Asst. Prof. An. Husb.*
*†D. W. Chittenden, A. M., *Asst. Prof. An. Husb.*
*†M. G. Clark, M. S., *Instr. An. Husb.*
*†M. T. Foster, B. S., *Instr. An. Husb.*

Animal Husbandry—Continued.
‡H. M. Garlock, B. S., *Ext. Asst. Prof. An. Husb.*
*†F. F. McKenzie, Ph. D., *Instr. An. Husb. (Coop. U. S. D. A.).*
‡S. F. Russell, B. S., *Ext. Asst. Prof. An. Husb.*
*†L. A. Weaver, B. S., *Prof. An. Husb.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.
[2] This institution gives the academic title to all employees.

Botany:

*†W. J. Robbins, Ph. D., *Prof. and Chair. of Dept.*
*W. E. Maneval, Ph. D., *Asst. Prof. Bot.*
*E. E. Naylor, A. M., *Instr. Bot.*
*H. W. Rickett, Ph. D., *Asst. Prof. Bot.*
*†I. T. Scott, A. M., *Asst. in Bot.; Asst. Plant Path.*

Chemistry (Agr.):

*†A. G. Hogan, Ph. D., *Chair. Dept. and Prof. An. Nutr.*
*Sidney Calvert, A. M., *Prof. Org. Chem.*
*†L. D. Haigh, Ph. D., *Assoc. Prof. Agr. Chem.*
†A. R. Hall, B. S., *Asst. in Agr. Chem.*
*†H. M. Harshaw, M. S., *Instr. Agr. Chem.*
*†J. E. Hunter, A. M., *Asst. in Agr. Chem.*
*†W. S. Ritchie, Ph. D., *Asst. Prof. Agr. Chem.*
*Herman Schlundt, Ph. D., *Prof. Chem.*
†C. L. Shrewsbury, A. B., *Asst. in Agr. Chem.*
*†E. E. Vanatta, M. S., *Asst. Prof. Agr. Chem.*

Dairy Husbandry:

*†A. C. Ragsdale, M. S., *Prof. and Chair. of Dept.*
*†Samuel Brody, M. A., *Asst. Prof. Dairy Chem.*
*†E. C. Elting, A. M., *Instr. Dairy Husb.*
‡I. G. Gibson, B. S., *Ext. Asst. Prof. Dairy Husb.*
‡E. M. Harmon, B. S., *Ext. Assoc. Prof. Dairy Husb.*
*†W. K. Moseley, B. S., *Asst. in Dairy Husb.*
‡M. J. Regan, B. S., *Ext. Asst. Prof. Dairy Husb.*
*†W. H. E. Reid, M. S., *Assoc. Prof. Dairy Mfrs.*
*†C. W. Turner, A. M., *Asst. Prof. Dairy Husb.*
*†C. W. Weber, A. M., *Instr. Dairy Husb.*

Economics (Rural):

*†O. R. Johnson, A. M., *Prof. Farm Mgt. and Chair. Dept. of Rural Life.*
*†E. L. Morgan, A. M., *Prof. Rural Sociol.*
*Janet E. Davison, A. B., *Instr. Rural Sociol.*
*†B. H. Frame, A. M., *Instr. Farm Mgt.*
*†S. D. Gromer, A. M., LL. D., *Assoc. Prof. Rural Econ.*
‡H. C. Hensley, B. S., *Ext. Asst. Prof. Agr. Econ.*
‡B. L. Hummel, B. S., *Ext. Asst. Prof. Rural Sociol.*
*Bessie A. McClenahan, A. M., *Asst. Prof. Rural Sociol.*
*†F. L. Thomsen, Ph. D., *Asst. Prof. Marketing.*
*†G. B. Thorne, B. S., *Instr. Marketing.*
‡D. C. Wood, B. S., *Ext. Asst. Prof. Farm Mgt.*

Editorial:

†‡A. A. Jeffrey, A. B., *Agr. Editor.*
‡R. B. Coglon, B. Agr., *Asst. Agr. Editor.*
†J. F. Barham *Photog.*

Education (Agr.):

*Sherman Dickinson, Ph. D., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):

*†J. C. Wooley, B. S. A. E., *Prof. and Chair. of Dept.*
*†M. M. Jones, B. S., *Assoc. Prof. Agr. Engin.*
‡A. J McAdams, B. S., *Ext. Instr. Agr. Engin.*

Entomology:

*†Leonard Haseman, Ph. D., *Prof. and Chair. of Dept. Chief Nursery Insp.*
*†K. C. Sullivan, A. M., *Asst. Prof. Ent. Deputy Nursery Insp.*

Extension (Admin.):[1]

Director Meyer *in charge.*
‡Sara H. Chiles, B. S., *Boys' and Girls' Club Agt.*
‡R. H. Emberson, B. S., *Boys' and Girls' Club Agt.*
‡C. C. Hearne, B. S., *State Ext. Agt.*
‡Jane Hinote, *Boys' and Girls' Club Agt.*
‡T. T. Martin, A. B., *Boys' and Girls' Club Agt.*
‡P. B. Naylor, A. B., *State Ext. Agt.*
‡J. F. Nicholson, M. S., *State Ext. Agt.*
‡R. R. Thomasson, B. S., *State Ext. Agt.*

Field Crops:

*†W. C. Etheridge, Ph. D., *Prof. and Chair. of Dept.*
‡C. E. Carter, B. S., *Ext. Assoc. Prof. Field Crops.*
‡D. W. Frear, M. S., *Ext. Assoc. Prof. Field Crops.*
‡K. G. Harman, B. S., *Ext. Asst. Prof. Field Crops.*
*†C. A. Helm, A. M., *Assoc. Prof. Field Crops.*
*†B. M. King, A. M., *Instr. Field Crops.*
*†R. T. Kirkpatrick, M. A., *Instr. Field Crops.*
*†L. J. Stadler, Ph. D., *Asst. Prof. Field Crops.*
‡I. P. Trotter, M. S., *Ext. Asst. Prof. Field Crops.*

Geology:

*E. B. Branson, Ph. D., *Prof. and Chair. of Dept.*
*W. A. Tarr, Ph. D., *Prof. Geol.*

Home Economics:

*Jessie A. Cline, A. M., *Assoc. Prof. Home Econ. Actg. Head of Dept.*
*Mildred Briggs, A. M., *Instr. Home Econ.*
*Mercie Carley, B. S., *Instr. Home Econ.*
‡I. Fra Clark, B. S., *Ext. Asst. Prof. Home Econ.*
*Jessie V. Coles, M. A., *Asst. Prof. Home Econ.*
*Eva M. Davis, M. A., *Research Instr. Home Econ.*
‡Marion E. Dunshee, Ph. B., *Ext. Asst. Prof. Home Econ.*
‡Essie M. Heyle, Ph. B., *Prof. in charge Home Econ. Ext.*
*Clara L. Hilligass, R. N., *Instr. Nursing.*
*Lynn R. Howard, B. S., *Instr. Home Econ.*
*Mary L. Klingner, A. M., *Asst. Prof. Home Econ.*
‡Lois Martin, B. S., *Ext. Asst. Prof. Home Econ.*
‡Mary E. Robinson, B. S., *Ext. Assoc. Prof. Home Econ.*
‡Julia M. Rocheford, Pe. B. *Ext. Asst. Prof. Home Econ.*
*Rebecca Sholley, M. S., *Instr. Home Econ.*
‡Mary E. Stebbins, R. N., *Ext. Asst. Prof. Home Econ.*
‡Mrs. Edith G. Van Deusen, Ph. B., *Ext. Asst. Prof. Home Econ.*
*Lila M. Welch, M. A., *Asst. Prof. Home Econ.*
*Bertha K. Whipple, M. S., *Asst. Prof. Home Econ.*

[1] For subject-matter workers see the respective division, i. e., animal husbandry, botany, etc.

Horticulture:
*†T. J. Talbert, A. M., *Prof. and Chair of Dept.*
‡E. A. Bierbaum, B. S., *Hort. Specialist.*
*†H. D. Hooker, jr., Ph. D., *Assoc. Prof. Hort.*
*H. F. Major, B. S., *Assoc. Proj. Landsc. Gard. and Supt. of Grounds.*
*†A. E. Murneek, Ph. D., *Asst. Prof. Hort.*
‡E. M. Page, B. S., *Ext. Asst. Prof. Hort.*
*†J. T. Quinn, A. M., *Asst. Prof. Hort.*
*†H. G. Swartwout, M. A., *Asst. Prof. Hort.*

Physics:
*H. M. Reese, Ph. D., *Prof. and Chair. of Dept.*
*O. M. Stewart, Ph. D., *Prof. Phys.*

Poultry Husbandry:
*†H. L. Kempster, B. S., *Prof. and Chair. of Dept.*
*†E. W. Henderson, A. M., *Asst. Prof. Poultry Husb.*
‡H. L. Shrader, B. S., *Ext. Asst. Prof. Poultry Husb.*

Soils:
*†M. F. Miller, M. S., *Prof. and Chair. of Dept.*
*†W. A. Albrecht, Ph. D., *Assoc. Prof. Soils.*
*†Richard Bradfield, Ph. D., *Assoc. Prof. Soils.*
*†H. H. Krusekopf, A. M., *Prof. Soils.*
†R. W. Scanlan, B. S., *Asst. in Soils.*
‡P. F. Schowengerdt, B. S., *Ext. Assoc. Prof. Soils.*

Soils—Continued.
‡R. J. Silkett, B. S., *Ext. Instr. Soils.*
*†R. E. Uhland, A. M., *Asst. in Soils.*
†A. M. Wilson, B. S., *Asst. in Soils.*

Veterinary Science:
*†J. W. Connaway, D. V. S., M. D., *Chair. of Dept. Prof. Vet. and Comp. Med.*
†O. S. Crisler, D. V. M., *Supt. Serum Plant.*
*†A. J. Durant, A. M., D. V. M., *Asst. Prof. Vet. Sci.*
*†H. G. Newman, A. M., *Instr. Vet. Sci.*
*†Andrew Uren, D. V. M., *Instr. Vet. Sci.*

Zoology:
*†W. C. Curtis, Ph. D., *Prof. and Chair. of Dept.*
*Mary J. Guthrie, Ph. D., *Asst. Prof. Zool.*
*†W. R. B. Robertson, Ph. D., *Assoc. Prof. Zool.*
*G. W. Tannreuther, Ph. D., *Assoc. Prof. Zool.*

Miscellaneous:
*††E. E. Brown, *Business Mgr.*
*†O. M. Barnett, *Secy.*
*†Jane Frodsham, *in charge Agr. Libr.*
*†R. B. Price, jr., *Treas.*
*George Reeder, *Lect. on Met. and Climat., Met. U. S. Weather Bureau.*
*†S. B. Shirky, A. M., *Supt. Short Courses, Asst. to Dean and to Dir. of Sta.*

Missouri State Fruit Experiment Station, *Mountain Grove*

†Station staff

†F. W. Faurot, B. S., *Director*

†J. W. Hitt, *Mgr.*
†C. M. Williams, *Ext. Hort.*

Missouri State Poultry Experiment Station, *Mountain Grove*

†Station staff

†T. W. Noland, *Director*

†Ethel Byer, *Asst. Secy*
†W. A. Hovis, *Lab. Tech.*

Lincoln University, *Jefferson City*

*Agricultural faculty

*N. B. Young, A. M., Litt. D., LL. D., *President*

*J. W. Damel, M. Ph., *Biol.*
*W. B. Jason, M. A., *Phys.*
*E. B. Jones, *Chem. and Biol.*
*Margaret R. Wilkins, A. B., *Home Econ.*

MONTANA

Montana State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Bozeman*

*College faculty. †Station staff. ‡Extension staff

*Alfred Atkinson, D. Sc., *President*
*†F. B. Linfield, B. S. A., *Dean of Agr., Dir. of Sta.*
‡J. C. Taylor, B. S., *Dir. of Ext. Service*

Agronomy:
*††Clyde McKee, B. S., *Head of Dept.*
†William DeYoung, A. M., *Asst. in Agron. (Soils).*
†L. F. Gieseker, M. S., *Asst. Agron.*
*†I. J. Jensen, M. S., *Asst. Prof. and Asst. Agron.*
‡A. J. Ogaard, B. S., *Agron. Specialist.*
*†A. H. Post, M. S., *Asst. Prof. and Asst. Agron.*
†H. N. Watenpaugh, B. S., *Asst. Agron.*

Animal Industry:
*†C. N. Arnett, B. S., *Head of Dept. Vice Dean of Agr.*
‡Harriette E. Cushman, B. S., *Poultry Specialist.*
*George Ford, *Asst. in Poultry Husb.*
†W. E. Joseph, Ph. D., *Assoc. An. Husb.*
*R. C. McChord, B. S., *Assoc. Prof. An. Husb.*
*J. A. Nelson, M. S., *Asst. Prof. Dairy Mfg.*

Animal Industry—Continued.
*‡J. O. Tretsven, B. S., *in charge School of Agr., Dairy Specialist.*
†Louis Vinke, M. S., *Asst. in An. Husb.*
‡R. L. Waddell, B. S., *Livestock Specialist.*

Botany and Bacteriology:
*D. B. Swingle, M. S., *Prof. Bot. and Bact.*
*F. B. Cotner, A. M., *Assoc. Prof. Bot., Bact.*
†‡H. E. Morris, M. S., *Assoc. Bot. and Bact.*
†P. A. Young, Ph. D., *Asst. Bot. and Bact.*

Chemistry:
*†Edmund Burke, B. S., *Special Lect. in Chem.: Chem. and Met.*
*W. M. Cobleigh, E. M., A. M., *Prof. Chem. and Chem. Engin.* (*State Chem.*)
†B. L. Herrington, B. S., *Asst. Chem.*
†A. H. Johnson, Ph. D., *Asst. Chem.*
†S. G. Scott, B. S., *Asst. Chem.*
*O. E. Sheppard, A. M., *Asst. Prof. Chem.*

Economics (Agr.) and Farm Management:
†E. J. Bell, jr., B. S., *Asst. in Agr. Econ.*
‡V. D. Gilman, B. S., *Farm Mgt. Dem.*
*†J. M. Hamilton, M. S., *Prof. Econ.: Agr. Econ.*
†S. E. Johnson, B. S., *Asst. in Agr. Econ.*

Editorial—*See* **Publications.**

Education (Agr.):
*M. J. Abbey, A. B., *Prof. and State Super. Agr. Ed.*

Engineering (Agr.):
*†‡H. E. Murdock, C. E., M. E., *Head of Dept.*
*†R. M. Merrill, B. S., *Asst. Prof. and Asst. Agr. Engin.*
*†V. D. Young, M. S., *Instr. and Asst. in Agr. Engin.*

Entomology:
*†R. A. Cooley, B. S., *Head of Dept.* (*State Ent.*)
†W. C. Cook, Ph. D., *Asst. Ent.*
†J. R. Parker, M. S., *Assoc. Ent.*

Extension (Admin.):[1]
Director Taylor *in charge.*
‡E. H. Lott, B. S., *Actg. County Agt. Leader.*
‡Blanche L. Lee, B. S., *State Home Dem. Leader.*
‡C. E. Potter, B. S., *State Club Leader.*
‡Doris Ingram, B. S., *Asst. State Club Leader.*

Home Economics:
*Gladys A. Branegan, A. M., *Prof. Home Econ.*
†Jessie E. Richardson, B. S., *Head of Research Home Econ.*

Home Economics—Continued.
‡E. Miriam Hawkins, B. S., *Home Mgt. Specialist.*
*Agnes E. Hutchison, B. S., *Instr. Home Econ.*
‡Inez La Bossier, B. S., *Clothing Specialist.*
*Mildred E. Nemeck, B. S., *Instr. Institutional Mgt.*
*Pearl P. Swanson, M. S., *Asst. Prof. Home Econ.*
‡Susanne Thompson, M. S., *Nutr. Specialist.*

Horticulture:
*†F. M. Harrington, M. S., *Head of Dept.*
*†C. C. Starring, M. S., *Asst. Prof. and Asst. Hort.*

Publications:
*††R. B. Bowden, *Dir. and Agr. Editor.*
*‡John Dexter, *Asst. Dir. and Asst. Agr. Editor.*

Veterinary Science:
*†Howard Welch, D. V. M., *Head of Dept.*
*†Erwin Jungherr, D. V. M., *Asst. in Vet. Sci.*

Zoology:
*M. H. Spaulding, A. M., *Head of Dept.*

Grain Inspection Laboratory:
†W. O. Whitcomb, M. S., *Supt.*
†W. D. Hay, B. S., *Seed Analyst and Lab. Asst.*

Miscellaneous:
*Elizabeth Forrest, B. L. S., A. M., *Libr.*

Substations:
Hort. Substa., *P. O., Victor*—W. E. Pollinger, *Supt.*
Huntley Substa., *P. O., Huntley*—
Dan Hansen, *Supt.* (*Coop. U. S. D. A.*).
T. W. Moseley, M. S., *Dairying* (*Coop. U. S. D. A.*).
A. E. Seamans, B. S., *Dry Farming* (*Coop. U. S. D. A.*).
Judith Basin Substa., *P. O., Moccasin*—
Albert Osenberg, B. S., *Supt.* (*Coop. U. S. D. A.*).
R. W. May, B. S., *Cerealist* (*Coop. U. S. D. A.*).
N. F. Woodward, B. S., *Forage Crops Invest.* (*Coop. U. S. D. A.*).
Northern Mont. Substa., *P. O., Havre*—
G. W. Morgan, B. S., *Supt.* (*Coop. U. S. D. A.*).
M. A. Bell, B. S., *Asst. Supt.* (*Coop. U. S. D. A.*).

NEBRASKA

College of Agriculture and the Agricultural Experiment Station of the University of Nebraska, *Lincoln*

*College faculty. †Station staff. ‡Extension staff

*Samuel Avery, Ph. D., LL. D., *Chancellor of University*
*†E. A. Burnett, D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡W. H. Brokaw, *Dir. of Agr. Ext. Service*

Agronomy:
*†W. W. Burr, B. S., *Chair. of Dept. and Asst. Dir. of Sta.*
*†T. A. Kiesselbach, Ph. D., *Prof. Agron.: Agron.*
†Arthur Anderson, M. S., *Asst. Agron.*
†G. M. Bahrt, M. S., *Asst. in Agron.*
*†E. B. Engle, M. S., *Instr. and Asst. in Soils.*
*T. H. Goodding, M. S., *Asst. Prof. Agron.*

Agronomy—Continued.
‡D. L. Gross, B. S., *Asst. State Ext. Agt. in Agron.*
*†F. D. Keim, M. S., *Prof. Agron.; Agron.*
†W. E. Lyness, B. S., *Asst. Agron. and Supt. Agron. Farm.*
*†J. C. Russel, M. S., *Assoc. Prof. and Assoc. Agron.*
‡P. H. Stewart, B. S., *State Ext. Agt. in Agron.*

[1] For subject-matter workers, see the respective division, i. e., agronomy, animal industry, etc.

Animal Husbandry:
*†H. J. Gramlich, B. S., *Chair. of Dept.*
*W. W. Derrick, B. S., *Instr. An. Husb.*
*†H. D. Fox, M. S., *Instr. and Asst. An. Husb.*
‡A. K. Hepperly, B. S., *Asst. State Ext. Agt. in An. Husb.*
*†W. J. Loeffel, B. S., *Assoc. Prof. An. Husb.; in charge Swine Invest.*
‡M. B. Posson, B. S., *State Ext. Agt. in An. Husb.*

Botany:
*†R. J. Pool, Ph. D., *Chair. of Dept.*
*†G. L. Peltier, Ph. D., *Prof. Plant Path.; Plant Path.*
*Emma N. Andersen, A. M., *Asst. Prof. Bot.*
*†R. W. Goss, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*Leva B. Walker, A. M., *Assoc. Prof. Bot.*
*J. E. Weaver, Ph. D., *Prof. Plant Ecology.*

Chemistry:
*F. W. Upson, Ph. D., *Chair of Dept.*
*†M. J. Blish, Ph. D., *Prof. Agr. Chem.; Chem.*
*R. C. Abbott, A. M., *Instr. Chem.*
†C. W. Ackerson, M. S., *Asst. Chem.*
†R. M. Sandstedt, M. S., *Asst. Chem.*
*T. J. Thompson, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry:
*†H. P. Davis, M. S., *Chair. of Dept.*
*L. K. Crowe, M. S., *Instr. Dairy Husb.*
*†P. A. Downs, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡M. L. Flack, M. A., *State Ext. Agt. in Dairy Husb.*
*†E. N. Hansen, M. S., *Instr. Dairy Husb.; Supt. Official Testing.*
*†R. F. Morgan, B. S., *Assoc. Prof. and Asst. Dairy Husb.*
*E. L. Reichart, B. S., *Instr. Dairy Husb. and Creamery Mgr.*

Economics (Rural):
*†H. C. Filley, A. M., *Chair. of Dept.*
‡G. R. Boomer, *State Ext. Agt. in Marketing.*
‡N. W. Gaines, B. S., *State Ext. Agt. in Community Organ.*
*†Harold Hedges, M. S., *Research Prof. Rural Econ.*
*A. W. Medlar, A. M., *Asst. Prof. Rural Econ.*
*†J. O. Rankin, A. M., *Assoc. Prof. and Assoc. in Rural Econ. (Coop. U. S. D. A.).*
‡Mason Yerkes, B. S., *State Ext. Agt. in Farm Mgt.*

Editorial:
*†R. P. Crawford, B. A., *Assoc. Prof. Journalism; Agr. Editor.*
‡Elton Lux, B. S., *Editorial Asst.*

Education (Agr.):
*H. E. Bradford, A. M., *Chair. of Dept., Prin. School of Agr.*
*Beulah I. Coon, B. S., *Asst. Prof. Home Econ. Ed.*
*Jane Hinkley, M. A., *Asst. Prof. Home Econ. Ed.*
*C. C. Minteer, A. M., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*†O. W. Sjogren, B. S. A. E., *Chair. of Dept.*
*†E. E. Brackett, B. S. E. E., *Prof. Agr. Engin.: Agr. Engin.*
*A. A. Baer, B. A., *Assoc. Prof. Agr. Engin.*
‡J. S. Glass, B. S., *Asst. State Ext. Agt. in Agr. Engin.*
*W. J. Runnalls, *Instructing Mechanic.*
*C. W. Smith, M. S., *Assoc. Prof. Agr. Engin.*
†H. L. Wallace, M. S., *Research Engin.*
‡I. D. Wood, M. S., *State Ext. Agt. in Agr. Engin.*

Entomology:
*†M. H. Swenk, A. M., *Chair. of Dept. (State Ent.).*
*Raymond Roberts, B. S., *Instr. Ent.*
*†D. B. Whelan, M. S., *Asst. Prof. and Asst. Ent.*

Extension (Admin.):[1]
Director Brokaw *in charge.*
‡Mary-Ellen Brown, B. S., *State Ext. Agt. in Women's Work.*
‡L. I. Frisbie, B. S., *State Ext. Agt. in Club Work.*
‡Mary Borreson, B. S., *Asst. State Ext. Agt. in Club Work.*
‡Jessie G. Greene, B. S., *Asst. State Ext. Agt. in Club Work.*
‡Allegra Wilkins, *Asst. State Ext. Agt. in Club Work.*
‡H. J. Young, B. S., *Routing and Reports.*

Home Economics:
*Margaret S. Fedde, A. B., *Chair. of Dept.*
‡Florence J. Atwood, B. S., *State Ext. Agt. in Foods and Nutr.*
*Edna Benson, A. M., *Asst. Prof. Home Econ.*
*True J. Colbert, A. B., *Instr. Home Econ.*
*Ella M. Cushman, B. S., *Instr. Home Econ.*
*May Frank, A. B., *Instr. Home Econ.*
†Greta Gray, Ph. D., *Research Asst. Prof. Home Econ.*
‡Theresa Judge, B. S., *State Ext. Agt. Clothing.*
‡Edith Martin, R. N., *State Ext. Agt. in Home Health and Hyg.*
*Grace M. Morton, A. B., *Asst. Prof. Home Econ.*
*Maurine Nall, B. S., *Instr. Home Econ.*
*Matilda K. Peters, B. S., *Instr. Home Econ.*
‡Helen Rocke, B. S., *Asst. State Ext. Agt. in Clothing.*
*Elizabeth Rutherford, Ph. B., *Instr. Home Econ.*
*Ruby Simpson, A. B., *Instr. Home Econ.*
‡Muriel L. Smith, B. S., *State Ext. Agt. in Home Mgt.*
*Ruth Staples, B. S., *Instr. Home Econ.*
*Bess Steele, *Instr. Home Econ.*
*Maude Vedder, B. S., *Instr. Econ.*

Horticulture:
*†C. C. Wiggans, Ph. D., *Chair. of Dept.*
*†F. M. Coe, M. S., *Instr. and Asst. Hort.*
‡E. H. Hoppert, B. S., *State Ext. Agt. in Hort.*
*†H. O. Werner, M. S., *Assoc. Prof. and Assoc. Hort.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Poultry Husbandry:

*†F. E. Mussehl, B. S., *Chair. of Dept.*
‡J. R. Redditt, B. S., *State Ext. Agt. in Poultry Husb.*

Veterinary Science:

*†Leunis Van Es, M. D., V. S., *Chair. Dept. of An. Path. and Hyg.*
†S. W. Alford, D. V. S., *Supt. Serum Plant.*
*†H. M. Martin, V. M. D., A. M., *Asst. Prof. An. Path. and Hyg.: Asst. Vet.*
*L. V. Skidmore, B. S., D. V. M., *Instr. An. Path.*

Miscellaneous:

*†L. E. Gunderson, *Finance Secy.*
*†Edna C. Noble, B. L., *Asst. in charge Libr.*
*S. W. Perin, *Farm Supt.*

Substations:

Director Burnett *in charge.*
North Platte Substa., *P. O., North Platte*—
W. P. Snyder, M. S., *Supt.*
L. L. Zook, B. S., *Agron.* (*Coop. U. S. D. A.*).
Scottsbluff Substa., *P. O., Mitchell*—
J. A. Holden, B. S., *Supt.*
Valentine Substa., *P. O., Valentine*—
E. M. Brouse, B. S., *Supt.*

NEVADA

College of Agriculture and the Agricultural Experiment Station of the University of Nevada, *Reno*

*College faculty. †Station staff. ‡Extension staff

*W. E. Clark, Ph. D., LL. D., *President of University*
*Robert Stewart, Ph. D., *Dean Coll. of Agr.*
†S. B. Doten, M. A., *Dir. of Sta., Ent.*
‡C. W. Creel, B. S., *Dir. of Agr. Ext.*

Agronomy:

Dean Stewart *in charge.*
*†George Hardman, M. S., *Asst. Prof. Agron.; Asst. in Irrig.*

Animal Industry:

†C. E. Fleming, B. S., *Range Mgt.*
*‡V. E. Scott, B. S., *Prof. Dairying, Dairy and Poultry Specialist.*
*F. W. Wilson, M. S., *Prof. An. Husb.*

Biology:

*Peter Frandsen, A. M., LL. D., *Prof. Biol.*
*C. L. Brown, A. M., *Instr. Biol.*
*P. A. Lehenbauer, Ph. D., *Assoc. Prof. Biol.*
*Margaret E. Mack, A. M., *Assoc. Prof. Biol.*

Chemistry:

*Maxwell Adams, Ph. D., *Prof. Chem.*
†M. R. Miller, B. S., *Chem.*
*Ruth A. Billinghurst, M. S., *Asst. Prof. Chem.*
*W. M. Hoskins, Ph. D., *Assoc. Prof. Chem.*
*G. W. Sears, Ph. D., *Prof. Chem.*

Economics (Agr.):

†F. B. Headley, *Chief Dept. of Farm Development.*
†J. J. McElroy, B. S., *Sci. Asst. in Farm Development.*

Education (Agr.):

*G. W. Barr, M. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

†F. L. Bixby, C. E., *Irrig.* (*Coop. U. S. D. A.*).

Extension (Admin.):[1]

Director Creel *in charge.*
*‡R. G. Foster, B. S., *Assoc. Prof. and Asst. Dir. of Ext.*
*‡Mary E. Stillwell, B. S., *Assoc. Prof. and Asst. Dir. of Ext.*

Home Economics:

*Sarah L. Lewis, M. A., *Prof. Home Econ.*
*Mrs. Luella M. Foster, B. S., *Asst. Prof. Home Econ.*
*Louise K. Hammond, B. S., *Asst. Prof. Home Econ.*
*Jessie P. Pope, B. S., *Asst. Prof. Home Econ.*

Physics:

*L. W. Hartman, Ph. D., *Prof. Phys.*
*G. B. Blair, A. M., *Assoc. Prof. Phys.*

Veterinary Science:

†Edward Records, V. M. D., *Vet.*
†L. R. Vawter, D. V. M., *Vet. Path.*

Miscellaneous:

†Mrs. Martha Bruce, *Libr. and Secy.*

NEW HAMPSHIRE

The College of Agriculture and the Mechanic Arts and the Agricultural Experiment Station of the University of New Hampshire, *Durham*

*College faculty. †Station staff. ‡Extension staff

*R. D. Hetzel, A. B., LL. D., *President of University*
*†F. W. Taylor, B. S., *Dean Coll. of Agr. Agron.*
†‡J. C. Kendall, B. S., *Dir. of Sta., Dir. Ext. Service*

Agronomy:

Dean Taylor *in charge.*
*†M. G. Eastman, M. S., *Assoc. Prof. and Assoc. Agron.*
†‡F. S. Prince, B. S., *Research and Ext. Specialist in Soils and Crops.*

Animal and Poultry Husbandry:

*†J. C. McNutt, B. S., *Prof. An. Husb.; An. Husb.*
†E. G. Ritzman, B. S., *Research Prof. An. Husb.*
*†A. W. Richardson, B. S., *Prof. Poultry Husb.; Poultry Husb.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Animal and Poultry Husbandry—Continued
*H. J. Bennett, B. S., *Field Instr. Poultry Husb.*
*†E. M. Gildow, D. V. M., M. S., *Instr. and Asst. Poultry Husb.*
†A. D. Littlehale, *Shepherd.*
‡F. L. McGettigan, B. S., *Ext. Poultryman.*
†M. H. Voyagis, B. S., *Asst. An. Husb.*

Botany:
*†O. R. Butler, Ph. D., *Prof. Bot.; Bot.*
*Mabel Brown, Ph. D., *Asst. Prof. Bot.*
*†F. R. Clark, M. S., *Asst. Prof. and Asst. Bot.*

Chemistry:
*†T. G. Phillips, Ph. D., *Prof. Agr. Chem.; Chem.*
*Charles James, F. I. C., *Prof. Chem.*
*H. C. Fogg, M. S., *Instr. Chem.*
*W. S. Frost, Ph. D., *Asst. Prof. Chem.*
*G. A. Perley, A. M., *Assoc. Prof. Chem.*
*†S. R. Shimer, M. S., *Instr. and Asst. Agr. Chem.*
*M. M. Smith, A. M., *Asst. Prof. Chem.*
†T. O. Smith, M. S., *Assoc. Chem.*

Dairy Husbandry:
*†J. M. Fuller, B. S., *Prof. Dairy Husb.; Dairy Husb.*
*†H. F. DePew, B. S., *Asst. Prof. and Asst. Dairy Husb.*
*B. E. Huggins, *Instr. Dairy Husb.*
‡G. L. Waugh, B. S., *Agt. in Dairying.*

Economics (Agr.):
†L. B. Lincoln, B. S., *Asst. Agr. Econ.*

Education (Agr.):
*C. H. Young, B. S., *Instr. Agr. Ed.*

Engineering (Rural):
†W. T. Ackerman, B. S. A. E., *in charge.*

Entomology:
*†W. C. O'Kane, M. A., *Prof. Econ. Ent.; Ent. (State Nursery Insp.).*
*†P. R. Lowry, M. S., *Asst. Prof. Econ. Ent.; Asst. Ent.*

Extension (Admin.):[1]
Director Kendall *in charge.*
‡E. P. Robinson, B. S., *County Agt. Leader.*
‡Daisy D. Williamson, *State Home Dem. Leader.*
‡C. B. Wadleigh, B. S., *State Club Leader.*
‡Ann F. Beggs, *Asst. State Home Dem. Leader.*
‡Mary L. Sanborn, *Asst. State Club Leader.*
‡H. C. Woodworth, M. S., *Farm Mgt. Dem.*
†‡H. B. Stevens, A. B., *Executive Secy.*

Forestry:
*†K. W. Woodward, A. B., M. F., *Prof. For.; For.*
‡E. D. Fletcher, *Ext. For.*
*C. L. Stevens, B. S., *Asst. Prof. For.*
*†R. D. Stevens, B. S., *Instr. and Asst. For.*

Home Economics:[2]
*Mrs. Helen F. McLaughlin, B. S., *Head of Dept.*
*Irma G. Bowen, B. S., *Instr. Household Arts.*
*Carrie A. Lyford, M. A., *Asst. Prof. Home Econ.*
*Mrs. Ethel H. Piper, *Instr. Home Econ.*

Horticulture:
*†G. F. Potter, M. S., *Prof. Hort.; Hort.*
*†J. R. Hepler, M. S., *Asst. Prof. and Asst. Hort.*
*†James Macfarlane, *Instr. Flor.; Florist.*
‡H. A. Rollins, M. S., *Ext. Hort.*
*†S. W. Wentworth, B. S., *Asst. Prof. and Asst. Hort.*

Physics:
*H. L. Howes, Ph. D., *Prof. Phys.*
*J. V. Adams, B. S., *Instr. Phys.*
*D. E. Higgins, M. S., *Instr. Phys.*
*Clement Moran, A. B., *Asst. Prof. Phys.*

Zoology:
*C. F. Jackson, M. S., *Prof. Zool.*
*H. M. Emery, B. S., *Instr. Zool.*
*Alma D. Jackson, M. A., *Instr. Zool.*
*Edythe M. Tingley, M. S., *Instr. Zool.*

Miscellaneous:
*†W. P. Lewis, B. L. S., M. A., *Libr.*
†‡Elizabeth E. Mehaffey, *Asst. Libr.*

NEW JERSEY

State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station of Rutgers University and the State University of New Jersey, *New Brunswick*

*College faculty. †Station staff. ‡Extension staff

*J. M. Thomas, D. D., LL. D., *President of University*
*†J. G. Lipman, Ph. D., D. Sc., *Dean of Agr. and Dir. of Sta.*
†H. F. Huber, B. S., *Asst. Dir. of Sta.*
‡H. J. Baker, B. S., *Dir. Div. of Ext. in Agr. and Home Econ.*

Animal Husbandry:
*F. G. Helyar, B. S., *Prof. An. Husb. and Dir. of Short Courses.*
*W. C. Skelley, M. S., *Asst. Prof. An. Husb.*

Bacteriology:
*T. J. Murray, M. S., *Prof. Bact.*

Botany and Plant Pathology:
*†J. W. Shive, Ph. D., *Chief of Div. Prof. Plant Physiol.*
†L. G. Campbell, *Field Asst. in Plant Path.*
*M. A. Chrysler, Ph. D., *Assoc. Prof. Bot.*
†Elizabeth Clark, M. S., *Research Asst. in Plant Path.*

Botany and Plant Pathology—Continued.
*Jessie G. Fiske, M. S., *Asst. Prof. Bot. and Physiol.*
†B. R. Fudge, M. S., *Research Asst. in Plant Physiol.*
*C. M. Haenseler, Ph. D., *Instr. Bot.*
*A. P. Kelley, Ph. D., *Instr. Bot.*
*†W. H. Martin, Ph. D., *Asst. Prof. and Plant Path.*
†W. R. Robbins, M. S., *Research Asst. in Plant Physiol.*
†J. A. Sutfin, *Research Asst. in Plant Path.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

[2] Courses given in College of Liberal Arts.

Chemistry:
*R. G. Wright, Ph. D., *Prof. Chem.*
*A. C. de Regt, M. S., *Assoc. Prof. Chem.*
*I. D. Garard, Ph. D., *Prof. Chem.*
*T. B. Gates, M. S., *Instr. Chem.*
*I. M. Lee, A. M., *Instr. Chem.*
*Ernest Little, Ph. D., *Prof. Anal. Chem.*
*M. F. Parker, *Instr. Chem.*
*C. W. Rieman, 3d, Ph. D., *Instr. Chem.*
*†W. C. Russell, M. S., *Biochem. in Nutr.*
*E. L. Sargent, M. S., *Instr. Chem.*
*P. A. van der Meulen, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry:
*J. W. Bartlett, B. S., *Prof. Dairy Husb.*
*F. C. Button, B. S., *Assoc. Prof. Dairy Husb.*
‡E. A. Gauntt, B. S., *Asst. Specialist in Dairy Husb.*
‡E. J. Perry, B. S., *Dairy Husb. Specialist.*

Economics (Agr.):
*Henry Keller, jr., M. S., *Asst. Prof. Agr. Econ.*
‡W. F. Knowles, A. B., *Agr. Econ. Specialist.*
†J. L. Seiler, jr., B. S., *Research Asst. in Agr. Econ.*
†A. G. Waller, M. S., *Research Specialist in Agr. Econ.* (*Coop. U. S. D. A.*).

Editorial:
*‡C. R. Woodward, M. A., *Editor.*
‡R. W. DeBaun, B. S., *Assoc. Editor.*
‡Herminie R. Broedel, Litt. B., *Asst. Editor.*

Education (Agr.):
*H. O. Sampson, A. M., *Prof. Agr. Ed.*
*H. B. Allen, B. S., *Asst. in Agr. Ed.*
*E. V. Bearer, M. S., *Instr. Agr. Ed.*

Engineering (Agr.):
*‡E. R. Gross, B. S., *Prof. Agr. Engin.*
*D. B. Lucas, M. S., *Instr. Agr. Engin.*

Entomology:
*†T. J. Headlee, Ph. D., *Prof. Ent.; Ent.* (*State Ent.*).
*†J. M. Ginsburg, Ph. D., *Instr. Ent.; Biochem. in Ent. Invest.*
*†C. C. Hamilton, M. S., *Assoc. Prof. and Assoc. Ent.*
†Augusta E. Meske, *Asst. Ent.*

Extension (Admin.):[1]
Director Baker *in charge.*
‡Marion Butters, B. S., *Asst. Dir.*
‡A. M. Hulbert, *Asst. Dir.*

Geology:
*J. V. Lewis, S. B., *Prof. Geol.*

Home Economics:[2]
*Mrs. Martha H. French, M. A., *Prof. Home Econ.*
*Ruth M. Barker, B. S., *Instr. Home Econ.*
‡Mrs. Marion C. Bell, B. S., *Home Mgt. Specialist.*
‡Helen G. Bishop, B. S., *Asst. Specialist in Clothing.*
*Pearl Champlin, B. S., *Instr. Home Econ.*
‡Marie C. Doermann, B. S., *Foods Specialist.*
‡Mrs. Catharine H. Griebel, *Clothing Specialist.*

Home Economics—Continued.
‡M. Ethel Jones, M. A., *Specialist in Girls' Club Work.*
*Edna Peterson, *Instr. Home Econ.*
*Mary I. Raven, M. A., *Asst. Prof. Home Econ.*
*Helen Rouse, B. S., *Instr. Home Econ.*

Horticulture:
*M. A. Blake, B. S., *Chief of Div.*
*J. H. Clark, M. S., *Instr. Pomol.*
*C. H. Connors, B. S., *Instr. Flor.*
*A. J. Farley, B. S., *Assoc. Prof. Hort.*
‡A. F. Mason, M. S., *Fruit Growing Specialist.*
*†G. T. Nightingale, Ph. D., *Biochem. in Hort.*
‡C. H. Nissley, B. S., *Veg. Growing Specialist.*
*L. G. Schermerhorn, B. S., *Assoc. Prof. Veg. Gard.*

Physics:
*George Winchester, Ph. D., *Prof. Phys.*
*A. L. Greenlees, Ph. D., *Instr. Phys.*
*D. D. Porter, A. M., *Instr. Phys.*
*F. R. Pratt, Ph. D., *Prof. Phys.*

Poultry Husbandry:
*‡W. H. Allen, B. S., *Actg. Head of Dept.*
*F. R. Beaudette, D. V. M., *Asst. Prof. Poultry Path.*
‡L. M. Black, B. S., *Asst. Specialist in Poultry Husb.*
*C. S. Platt, M. S., *Instr. Poultry Husb.*
*W. C. Thompson,[3] B. S., *Prof. Poultry Husb.*

Soils and Crops:
Dean Lipman, *Chief of Div.*
*†A. W. Blair, A. M., *Prof. Agr. Chem.; Soil Chem.*
‡H. R. Cox, M. S., *Agron. Specialist.*
†R. J. DuBos, *Research Asst. in Soil Microbiol.*
†J. S. Joffe, Ph. D., *Research Asst. in Soils.*
†H. C. McLean, Ph. D., *Soil Bact.*
*G. W. Musgrave, M. S., *Assoc. Prof. Agron.*
†A. L. Prince, M. S., *Asst. Soil Chem.*
*H. B. Sprague, M. S., *Instr. Agron.*
†Florence G. Tenney, B. S., *Research Asst. in Soil Microbiol.*
*†S. A. Waksman, Ph. D., *Lect. on Soil Microbiol.; Microbiol., Soil Research.*
†Clara H. Wark, *Lab. Asst.*
†H. W. Winsor, *Field Asst. in Soils.*

Zoology:
*—— ——, *Prof. Zool.*
*A. A. Boyden, Ph. D., *Instr. Zool.*
*L. A. Hausman, Ph. D., *Asst. Prof. Zool.*
*A. R. Moore, Ph. D., *Prof. Physiol. and Biochem.*
*T. C. Nelson, Ph. D., *Assoc. Prof. Zool.*

Miscellaneous:
*G. A. Osborn, A. M., *Libr.*
‡Mildred B. Murphey, B. S., *Home Dem. Agt. at large.*
‡B. F. Ramsburg, B. S., *Club Agt. at large.*
‡E. L. Scovell, B. S., M. F., *Farm For. Specialist.*

[1] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.
[2] Courses given in the College for Women.
[3] On leave.

New Jersey State Agricultural Experiment Station, *New Brunswick*

†Station staff

†J. G. Lipman, Ph. D., D. Sc., *Director*
†H. F. Huber, B. S., *Asst. Director.*

Animal Husbandry:
†F. G. Helyar, B. S., *An. Husb.*
†W. C. Skelley, M. S., *Asst. An. Husb.*
†John Thompson, *Swine Herdsman.*

Chemistry:
†C. S. Cathcart, M. S., *Chem. (State Chem.).*
†F. S. Beckwith, B. S., *Fert. and Feed Sampler.*
†L. J. Faneuf, B. S., *Asst. Chem.*
†Frank Groendyke, *Fert. and Feed Sampler.*
†L. R. Smith, B. S., *Asst. Chem.*
†A. C. Wark, *Asst. Chem.*
†R. L. Willis, B. S., *Asst. Chem.*

Dairy Husbandry:
†J. W. Bartlett, B. S., *Dairy Husb.*
†G. I. Ball, *Creamery Insp.*
†C. B. Bender, M. S., *Asst. Dairy Husb.*
†F. C. Button, B. S., *Asst. Dairy Husb.*
†Fred Gauntt, *Dairy Herdsman.*
†W. R. Robbers, *Supt. Advanced Registry.*

Economics (Agr.):
†Henry Keller, jr., M. S., *Agr. Econ.*
†J. W. Carncross, B. S., *Research Asst. in Agr. Econ.*

Editorial:
†C. R. Woodward, M. A., *Editor.*
†R. W. DeBaun, B. S., *Assoc. Editor.*
†Herminie R. Broedel, Litt. B., *Asst. Editor.*

Engineering (Agr.):
†E. R. Gross, B. S., *Agr. Engin.*
†D. B. Lucas, M. S., *Asst. in Agr. Engin.*

Entomology:
†T. J. Headlee, Ph. D., *Ent. (State Ent.).*
†C. S. Beckwith, M. S., *Assoc. Ent.*
†J. M. Ginsburg, Ph. D., *Biochem. in Ent. Invest.*
†C. C. Hamilton, M. S., *Assoc. Ent.*
†Ray Hutson, B. S., *Asst. Ent. in Apiculture.*
†Carl Ilg, *Lab. Asst.*
†F. W. Miller, *Asst. Ent.*
†L. A. Stearns, M. S., *Asst. Ent.*

Horticulture:
†M. A. Blake, B. S., *Hort.*
†H. G. Bailey, *Veg. Gard. Foreman.*
†H. M. Biekart, B. S., *Florist.*
†J. H. Clark, M. S., *Asst. Pomol.*
†C. H. Connors, B. S., *Assoc. in Plant Brdg.*
†A. J. Farley, B. S., *Pomol.*
†G. T. Nightingale, Ph. D., *Biochem. in Hort.*
†L. G. Schermerhorn, B. S., *Oler.*
†C. H. Steelman, *Orchard Foreman.*

Plant Pathology:
†W. H. Martin, Ph. D., *Plant Path.*
†C. M. Haenseler, Ph. D., *Assoc. Plant Path.*

[1] On leave.

Poultry Husbandry:
†W. C. Thompson,[1] B. S., *Poultry Husb.*
†W. H. Allen, B. S., *Actg. Poultry Husb.*
†J. A. Beatty, *Foreman, Egg-Laying Contests.*
†F. R. Beaudette, D. V. M., *Poultry Path.*
†J. J. Black, D. V. M., *Asst. Poultry Path. (P. O., Vineland).*
†Martin Decker, B. S., *Asst. Poultry Specialist.*
†W. S. Hamilton, *Foreman, Egg-Laying Contests.*
†R. R. Hannas, M. S., *Poultry Research Specialist.*
†C. S. Platt, M. S., *Asst. Poultry Specialist.*

Seed Analysis:
†Jessie G. Fiske, M. S., *Seed Analyst.*
†Sadie L. Boyce, *Asst. Seed Analyst.*
†F. M. Colt, B. S., *Asst. Seed Analyst.*
†J. A. Small, B. S., *Seed Insp.*
†A. L. Stahl, B. S., *Asst. in Seed Lab.*

Sewage Research:
†Willem Rudolfs, Ph. D., *Chief.*
†H. Heukelekian, Ph. D., *Biochem. in Sewage Invest.*
†Daggmar H. Peterson, A. B., *Asst. in Sewage Invest.*
†P. J. A. Zeller, S. B., *Junior Chem. in Sewage Invest.*

Soils and Crops:
Dean Lipman, *Soil Chem. and Bact.*
†A. W. Blair, A. M., *Soil Chem.*
†E. E. Evaul, B. S., *Research Asst. in Farm Crops.*
†L. L. Lee, B. S., *Research Specialist in Land Utilization.*
†H. C. McLean, Ph. D., *Soil Bact.*
†G. W. Musgrave, M. S., *Agron.*
†A. L. Prince, M. S., *Asst. Soil Chem.*
†H. B. Sprague, M. S., *Asst. Agron.*

Zoology:
†T. C. Nelson, Ph. D., *Biol. in Oyster Invest.*
†W. H. Dumont, M. S., *Oyster Research Specialist.*

Miscellaneous:
†J. W. Bellis, *Farm Mgr.*
†G. A. Osborn, A. M., *Libr.*
†Elizabeth G. Skillman, B. S., *Asst. Libr.*

Substations:
Cranberry Sta., *P. O., Whitesbog—*
C. S. Beckwith, M. S., *in charge.*
B. F. Driggers, M. S., *Asst. in Cranberry Invest.*
C. D. Jones, M. S., *Biochem. in Cranberry and Blueberry Invest.*

NEW MEXICO

New Mexico College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *State College* **(freight and express address,** *Mesilla Park*)

*College faculty. †Station staff. ‡Extension staff

*H. L. Kent, M. S., *President and Dean School of Agr.*
*†Fabian Garcia, M. S., *Dir. of Sta.*
‡C. F. Monroe, M. Agr., *Dir. of Ext. Service*

Agronomy:
*†J. C. Overpeck, M. S., *Prof. Agron.; Agron.*
*†W. T. Conway, B. S.. *Asst. Prof. and Asst. Agron.*
*†H. V. Jordan, M. A., *Asst. Prof. and Asst. Agron.*
‡G R. Quesenberry, B. S., *Ext. Agron.*

Animal Industry:
*†J. L. Lantow, M. S., *Prof. An. Husb.; An. Husb.*
*†O. C. Cunningham, B. S., *Prof. Dairying; Dairyman.*
*†L. N. Berry, B. S., *Prof. Poultry Husb.; Poultryman.*
‡E. E. Anderson, B. S., *Dairy-Poultry Specialist*
*†W. F. Dickson, M. S., *Asst. Prof. and Asst. An. Husb.*

Biology:
*†R. F. Crawford, M. S., *Prof. Biol.; Biol.*
*†P. M. Gilmer, Ph. D., *Assoc. Prof. Biol.; Ent.*

Chemistry:
*†C. W. Botkin, A. M., *Prof. Chem.; Chem. (State Chem.).*
*†G. R. Hamiel, M. A., *Asst. Prof. and Asst. Chem.*
*†A. J. Pinckney, M. S., *Asst. Prof. and Asst. Chem.*
*†H. W. Titus, M. A., *Assoc. Prof. Chem.; Nutr. Chem.*

Economics (Agr.):
†A. L. Walker, M. S., *Agr. Econ.*

Editorial:
†C. P. Wilson, M. S., *Editor and Secy.*

Education (Agr.):
*C. D. Bohannan, A. B., *Prof. Agr. Ed. and Vice Dean Coll. of Agr.*

Engineering (Agr.):
*H. O. Garst, C. E., *Prof. Irrig. Engin.*
†D. W. Bloodgood, B. S. M. E., *Irrig. Engin. (Coop. U. S. D. A.).*
†A. S. Curry, B. S., *Asst. in Irrig.*

Extension (Admin.):[1]
Director Monroe *in charge.*
‡W. L. Elser, B. S., *Asst. Dir., Eastern Div.*
‡L. H. Hauter, M. S., *Asst. Dir.*
‡H. S. Moles, B. S., *Asst. Dir., Western Div.*
‡Grace B. Long, B. S., *State Home Agt.*
‡Veda Strong, B. S., *Asst. State Home Agt.*
‡Edith Whitehurst, M. S., *Asst. State Home Agt.*

Home Economics:[2]
*Grace Dewey, M. S., *Prof. Home Econ.*
*Margaret A. O'Loughlin, M. S., *Asst. Prof. Home Econ.*

Horticulture:
Director Garcia *in charge.*
*†A. B. Fite, M. S., *Assoc. Prof. and Asst. Hort.*
*J. W. Rigney, B. S., *Asst. Prof. Hort.*

Miscellaneous:
†Dorothy J. Peters, *Libr.*

NEW YORK

New York State Colleges of Agriculture and Home Economics, and the Agricultural Experiment Station at Cornell University,[3] *Ithaca*

*College faculty. †Station staff. ‡Extension staff

*Livingston Farrand, M. D., L. H. D., LL. D., *President of University*
*†A. R. Mann,[4] B. S. A., A. M., *Dean Coll. of Agr.*
*Cornelius Betten, Ph. D., D. Sc., *Dir. of Resident Instruction. Actg. Dean of Coll.*
*†‡Martha Van Rensselaer, A. B., and Flora Rose, M. A., *Directors, Coll. of Home Econ.*
†R. W. Thatcher, M. A., D. Agr., LL. D., *Dir. of Sta.*
‡C. E. Ladd, Ph. D., *Dir. of Ext.*

Agronomy:
*†‡T. L. Lyon, Ph. D., *Head of Dept. Prof. Soil Tech.*
‡J. H. Barron, B. S., *Ext. Prof. Field Crops.*
*†J. A. Bizzell, Ph. D., *Prof. Soil Tech.*
*H. O. Buckman, Ph. D., *Prof. Soil Tech.*
*H. P. Cooper, Ph. D., *Asst. Prof. Field Crops.*
†W. T. Craig, *Asst. in Cereal Invest. (Coop. U. S. D. A.).*
‡L. A. Dalton, B. S., *Ext. Asst. Prof. Field Crops.*
†Leah English, B. S., *Analyst in Agron.*

Agronomy—Continued.
*A. W. Gibson, B. S., *Instr. Farm Pract.*
‡A. F. Gustafson, Ph. D., *Ext. Prof. Soil Tech.*
†F. B. Howe, M. S., *Soil Surveyor.*
*A. C. King, B. S. A., *Prof. Farm Pract. and Farm Superintendence.*
†E. W. Leland, B. S. A., *Experimentalist in Soil Tech.*
*†B. D. Wilson, Ph. D., *Asst. Prof. Soil Tech.*
*†J. K. Wilson, Ph. D., *Prof. Soil Tech.*
*‡E. L. Worthen, M. S., *Ext. Prof. Soil Tech.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in School of General Science.
[3] All members of the college faculty do experimental work as required.
[4] On leave.

Animal Husbandry:

*††H. H. Wing, M. S., *Prof. and Head of Dept.*
*C. L. Allen, Ph. D., *Asst. Prof. An. Husb.*
‡W. T. Crandall, M. S., *Ext. Asst. Prof. An. Husb.*
‡W. T. Grams, B. S., *Ext. Instr. An. Husb.*
*†M. W. Harper, M. S., *Prof. An. Husb.*
*R. B. Hinman, M. S., *Asst. Prof. An. Husb.*
‡H. A. Hopper, M. S., *Ext. Prof. An. Husb.*
*W. E. Krauss, B. S., *Instr. An. Husb.*
*R. G. Maxwell, B. S., *Instr. An. Husb.*
*†L A. Maynard, Ph. D., *Prof. An. Husb.*
‡H. J. Metzger, D. V. M., *Ext. Asst. Prof. An. Husb.*
†R. C. Miller, Ph. D., *Analyst in An. Husb.*
*F. H. Peabody, *Stockman in An. Husb.*
*††E. S. Savage, Ph. D., *Prof. An. Husb.*
*C. D. Schutt, *Asst. An. Husb.*
‡G. W. Tailby, jr., B. S., *Ext Instr. An. Husb.*
*E. E. Vial, M. S., *Instr. An. Husb.*
‡J. P. Willman, M. S., *Ext. Instr. An. Husb.*

Botany:

*††K. M. Wiegand, Ph. D., *Prof. and Head of Dept.*
*S. H. Burnham, B. S., *Asst. Curator.*
*†O. F. Curtis, Ph. D., *Prof. Bot.*
*A. J. Eames, Ph. D., *Prof. Bot.*
*E. F. Hopkins, Ph. D., *Asst. Prof. Bot.*
*†Lewis Knudson, Ph. D., *Prof. Bot.; Plant Phys.*
*W. E. Manning, A. B., *Instr. Bot.*
*W. C. Muenscher, Ph. D., *Asst. Prof. Econ. Bot.*
*L. C. Petry, Ph. D., *Prof. Bot.*
†Donald Reddick, Ph. D., *Prof. Plant Path.*
*†L. W. Sharp, Ph. D., *Prof. Bot.*

Chemistry (Agr.):

*††G. W. Cavanaugh, B. S., *Prof. Agr. Chem.*

Dairy Industry:

*††J. M. Sherman, Ph. D., *Prof. and Head of Dept.*
*H. B. Alger, B. S., *Instr. Dairy Indus.*
‡W. E. Ayres, *Ext. Instr. Dairy Indus.*
‡J. D. Brew, M. S., *Ext. Prof. Dairy Indus.*
*H. R. Curran, B. S., *Instr. Dairy Indus.*
*†W. W. Fisk, M. S., *Prof. Dairy Indus.*
*†E. S. Guthrie, Ph. D., *Prof. Dairy Indus.*
*†T. J. McInerney, M. S., *Asst. Prof Dairy Indus.*
*R. P. Myers, B. S., *Instr. Dairy Indus.*
*W. V. Price, Ph. D., *Asst. Prof. Dairy Indus.*
*P. S. Prickett, M. S., *Instr. Dairy Bact.*
*†H. E. Ross, M. S., *Prof. Dairy Indus.*
*P. F. Sharp, Ph. D., *Prof. Dairy Chem.*
*C. N. Stark, M. A., *Instr. Dairy Bact.*
*†H. C. Troy, B. S., *Prof. Dairy Indus.*
*Randall Whitaker, B. S., *Instr. Dairy Indus.*

Economics (Agr.):

*††G. F. Warren, Ph. D., *Head of Dept. Prof. Agr. Econ. and Farm Mgt.*
‡M. C. Bond, B. S., *Ext. Instr. Farm Mgt.*
*J. F. Booth, M. S., *Instr. Farm Mgt.*
*J. E. Boyle, Ph. D., *Prof. Rural Econ.*
‡R. F. Bucknam, B. S., *Ext. Instr. Farm Mgt.*

Economics—Continued.

*I. J. Call, B. S., *Instr. Farm Mgt.*
‡A. B. Genung, B. S., *Ext. Instr. Farm Mgt.*
*Erwin Graue, B. S., *Instr. Rural Econ.*
*I. F. Hall, B. S., *Instr. Farm Mgt.*
*J. F. Harriott, B. S., *Instr. Farm Mgt.*
‡V. B. Hart, Ph. D., *Ext. Asst. Prof. Farm Mgt.*
*†M. L. Holmes, M. B. A., *Actg. Asst. Prof. Business Mgt.*
*M. S. Kendrick, Ph. D., *Asst. Prof. Rural Econ.*
*†G. N. Lauman, B. S., *Prof. Agr. Econ.; Rural Econ.*
*E. R. McNeil, B. S., *Instr. Marketing.*
*†E. G. Misner, Ph. D., *Prof. Farm Mgt.*
*†W. I. Myers, Ph. D., *Prof. Farm Finance; Farm Mgt.*
*F. A. Pearson, Ph. D., *Prof. Marketing.*
*E. A. Perregaux, B. S., *Instr. Marketing.*
*Whiton Powell, A. B., *Instr. Marketing.*
*M. P. Rasmussen, Ph. D., *Asst. Prof. Marketing.*
*R. D. Reid, B. S., *Instr. Farm Mgt.*
*H. A Ross, Ph. D., *Asst. Prof. Marketing (Coop. U. S. D. A.).*
*F. M. Schmidt, Ph. D., *Instr. Marketing.*
*†G. P. Scoville, M. S., *Prof. Farm Mgt.*
*Leland Spencer, Ph. D., *Asst. Prof. Marketing (Coop. U. S. D. A.).*
*C. K. Tucker, M. S., *Instr. Marketing.*
‡L. M. Vaughan, B. S., *Ext. Instr. Farm Mgt.*

Editorial—*See* **Publication.**

Education (Rural):

*††G. A. Works, M. S., Ed. D., *Prof. and Head of Dept.*
*T. L. Bayne, jr., M. S., *Instr. Rural Ed.*
*Cora E. Binzel, *Prof. Rural Ed.*
*Isabelle F. Bull, B. S., *Instr. Rural Ed.*
*J. E. Butterworth, Ph. D., *Prof. Rural Ed.*
*T. H. Eaton, Ph. D., *Prof. Rural Ed.*
*E. N. Ferriss, Ph. D., *Prof. Rural Ed.*
*E. R. Hoskins, M. S., *Instr. Rural Ed.*
*P. J. Kruse, Ph. D., *Prof. Rural Ed.*
*May M. Mattson, B. S., *Instr. Rural Ed.*
*C. B. Moore, Ph. D., *Prof. Rural Ed.*
*E. L. Palmer, Ph. D., *Prof. Rural Ed.*
*R. M. Stewart, Ph. D., *Prof. Rural Ed.*
*A. S. White, M. A., *Actg. Asst. Prof. Rural Ed.*
‡W. J. Wright, M. S., *Ext. Prof. Rural Ed. and State Leader Junior Ext.*

Engineering (Rural):

*††H. W. Riley, M. E., *Prof. and Head of Dept.*
‡F. G. Behrends, B. S., *Ext. Prof. Rural Engin.*
*F. L. Fairbanks, M. E., *Asst. Prof. Rural Engin.*
‡A. M. Goodman, B. S., *Ext. Prof. Rural Engin.*
‡B. A. Jennings, B. S., *Ext. Instr. Rural Engin.*
*J. C. McCurdy, B. S., C. E., *Prof. Rural Engin.*
*F. H. Randolph, B. A., M. E., *Asst. Prof. Institution Engin.*
*J. E. Reyna, E. E., M. A., *Asst. Prof. Rural Engin.*
*‡B. B. Robb, M. S., *Prof. Rural Engin.*
*L. M. Roehl, B. S., *Asst. Prof. Farm Shop.*
*F. B. Wright, M. S., *Instr. Rural Engin.*

Entomology:

*†J. G. Needham, Ph. D., Litt. D., *Head of Dept. Prof. Ent. and Limnology.*
*†J. C. Bradley, Ph. D., *Prof. Ent. and Curator Invertebrate Zool.; Ent.*
*C. B. Butler, *Asst. in Aquiculture.*
‡P. J. Chapman, B. S., *Ext. Instr. Ent.*
*†P. W. Claassen, Ph. D., *Asst. Prof. Biol.*
†‡C. R. Crosby, A. B., *Ext. Prof. Ent.*
*N. L. Cutler, B. A., *Instr. Ent.*
*†G. C. Embody, Ph. D., *Prof. Aquiculture.*
*W. T. M. Forbes, Ph. D., *Instr. Ent.*
*Grace H. Griswold, Ph. D., *Instr. Ent.*
*†G. W. Herrick, B. S., *Prof. Econ. Ent.*
*†O. A. Johannsen, Ph. D., *Prof. Ent.; Gen. Biol.*
*†Robert Matheson, Ph. D., *Prof. Econ. Ent.*
*P. R. Needham, B. S., *Instr. Limnology.*
*E. F. Phillips, Ph. D., *Prof. Apiculture.*
*C. K. Sibley, Ph. D., *Instr. Limnology.*
*L. P. Wehrle, Ph. D., *Instr. Ent.*
‡R. B. Willson, B. S., *Specialist in Apiculture.*

Extension (Admin.):[1]

Director Ladd *in charge.*
‡Jay Coryell, B. S., *County Agt. Leader.*
‡Adelaide A. Barts, B. S., *Asst. State Home Dem. Leader.*
‡Erl Bates, M. D., *Adviser in Indian Ext.*
*‡D. J. Crosby, M. S., *Prof. in Ext. Service.*
*‡G. A. Everett, A. B., LL. B., *Prof. Ext. Teaching.*
‡E. A. Flansburgh, B. S., *Asst. County Agt. Leader.*
‡J. B. Kirkland, B. S., *Instr. in Ext. Service.*
‡G. E. Peabody, M. S., *Instr. in Ext. Service.*
‡Montgomery Robinson, Litt. B., B. S., *Prof. in Ext. Service.*
‡L. R. Simons, B. S., *Asst. County Agt. Leader.*
‡Mrs. Ruby G. Smith, Ph. D., *Assoc. State Leader Home Dem. Agts.*
‡Mrs. Mildred M. Stevens, B. S., *Asst. State Leader Junior Ext.*
‡C. A. Taylor, *Asst. County Agt. Leader.*
*‡R. H. Wheeler, B. S., *Prof. in Ext. Service.*
‡D. P. Witter, *Adviser in Institute Ext.*
‡P. R. Young, M. S., *Asst. State Leader Junior Ext.*

Forestry:

*††R. S. Hosmer, B. A. S., M. F., *Prof. and Head of Dept.*
*†John Bentley, jr., B. S., M. F., *Prof. For. Engin.; For.*
‡J. A. Cope, B. S., M. F., *Ext. Asst. Prof. For.*
*C. H. Guise, B. S., M. F., *Asst. Prof. For. Mgt.*
*A. B. Recknagel, B. A., M. F., *Prof. For. Mgt. and Utilization.*
*J. N. Spaeth, B. S., M. F., *Asst. Prof. For.*
*S. N. Spring, B. A., M. F., *Prof. Silviculture.*

Home Economics:

*††Martha Van Rensselaer, A. B., *Dir. of Coll. and State Home Dem. Leader.*
*††Flora Rose, M. A., *Dir. of Coll.*
*Mrs. Myrtle S. Betten, *Instr. Home Econ.*
*Beulah Blackmore, B. S., *Prof. Home Econ.*
*Mrs. Jessie A. Boys, M. S., *Asst. Prof. Home Econ.*

Home Economics—Continued.

‡Sarah L. Brewer, B. S., *Ext. Asst. Prof. Home Econ.*
*Frances A. Brookins, *Instr. Home Econ.*
‡Sannie Callan, B. S., *Ext. Instr. Home Econ.*
*Elva T. Campbell, B. S., *Instr. Home Econ.*
‡Helen Canon, B. S., *Ext. Prof. Home Econ. and Assoc. State Leader Home Dem. Agts.*
*Faith Fenton, B. S., *Asst. Prof. Home Econ.*
‡Mildred N. Gardner, B. S., *Ext. Instr. Home Econ.*
*Mary F. Henry, A. B., *Prof. Home Econ.*
‡Erma E. Hollen, M. S., *Ext. Asst. Prof. Home Econ.*
*F. Beatrice Hunter, B. S., *Prof. Home Econ.*
‡Jennie C. Jones, *Ext. Instr. Home Econ.*
*Ruth M. Kellogg, B. S., *Asst. Prof. Home Econ.*
*Mrs. Nita C. Kendrick, B. S., *Instr. Home Econ.*
*Lucy Kimball, M. A., *Instr. Home Econ.*
*Mrs. Carolyn B. McIlroy, *Instr. Home Econ.*
*Gertrude Mathewson, B. S., *Instr. Home Econ.*
*H. B. Meek, M. A., *Prof. Hotel Mgt.*
*Helen Monsch, M. A., *Prof. Home Econ.*
‡Grace E. Morin, M. A., *Ext. Instr. Home Econ.*
‡Caroline Norton, B. S., *Ext. Asst. Prof. Home Econ.*
*Edith H. Nason, Ph. D., *Asst. Prof. Home Econ.*
*Mrs. Irene D. Nehrling, B. S., *Asst. Prof. Home Econ. and Mgr. of Cafeteria.*
‡Claribel Nye, B. S., *Ext. Prof. Home Econ. and Assoc. State Leader Home Dem. Agts.*
*Pauline P. Parke, B. S., *Instr. Home Econ.*
*Nellie L. Perkins, Ph. D., *Prof. Home Econ.*
‡Mrs. Dorothy Peterson, *Ext. Instr. Home Mgt.*
*Merle Pinkston, *Instr. Home Econ.*
*Helen L. Rogers, B. S., *Instr. Home Econ. and Asst. Mgr. of Cafeteria.*
‡Mrs. Nancy McN. Roman, Ph. B., *Ext. Prof. Home Econ.*
‡Doris Schumaker, B. S., *Ext. Asst. Prof. Home Econ.*
*Ruth J. Scott, B. S., *Instr. Home Econ.*
*Frances A. Scudder, B. S., *Instr. Home Econ.*
‡Dora F. Sonnenday, Ph. B., *Ext. Asst. Prof. Home Econ.*
‡Hazel L. Spencer, B. S., *Ext. Instr. Home Econ.*
*Adelaide Spohn, Ph. D., *Prof. Home Econ.*
*Marion L. Stine, M. A., *Instr. Home Econ.*
‡Flora M. Thurston, B. S., *Ext. Asst. Prof. Home Econ.*
*Annette J. Warner, *Prof. Home Econ.*
*Charlotte E. Weiss, *Instr. Home Econ.*
*Dora H. Wetherbee, *Asst. Prof. Home Econ.*
*Faith M. Williams, Ph. D., *Asst. Prof. Home Econ.*
‡Margaret Wylie, M. A., *Ext. Asst. Prof. Home Econ.*

Horticulture:

*††E. A. White, B. S., *Prof. and Head Dept. of Flor. and Ornamental Hort.*
*††H. C. Thompson, M. S., *Prof. and Head Dept. of Veg. Gard.*
*††A. J. Heinicke, Ph. D., *Prof. and Head Dept. of Pomol.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Horticulture—Continued.
‡R. M. Adams, B. S., *Ext. Asst. Prof. Veg. Gard.*
*†A. C. Beal, Ph. D., *Prof. Flor.*
*†D. B. Carrick, Ph. D., *Prof. Pomol.*
*‡R. W. Curtis, M. S., *Prof. Ornamental Hort.*
*E. G. Davis, B. S., *Prof. Landsc. Arch.*
*†‡E. V. Hardenburg, Ph. D., *Asst. Prof. Veg. Gard.*
*J. E. Knott, M. S., *Instr. Veg. Gard.*
*†L. H. MacDaniels, Ph. D., *Prof. Pomol.*
*H. S. Mills, M. S., *Instr. Veg. Gard.* (*P. O., Riverhead*).
*Lua A. Minns, M. S., *Instr. Flor.*
*A. H. Nehrling, *Prof. Flor.*
‡Joseph Oskamp, B. S., *Ext. Prof. Pomol.*
‡G. W. Peck, M. S., *Ext. Prof. Pomol.*
‡J. P. Porter, M. S., M. L. D., *Ext. Asst. Prof. Ornamental Hort.*
*A. M. S. Pridham, B. S., *Instr. Flor.*
*H. W. Schneck, M. S., *Asst. Prof. Veg. Gard.*
‡F. O. Underwood, B. S., *Ext. Asst. Prof. Veg. Gard.*
†P. H. Wessels, M. S., *Research Prof. Veg. Gard.* (*P. O. Riverhead*).
*†Paul Work, Ph. D., *Prof. Veg. Gard.*
*Paul Yashin, *Asst. Flor.*

Meteorology:
*R. A. Mordoff, Ph. D., *Prof. and Actg. Head of Dept.*
*G. B. Webber, B. S., *Instr. Met.*

Plant Breeding:
*†‡R. A. Emerson, D. Sc., *Prof. and Head of Dept.*
*F. P. Bussell, Ph. D., *Prof. Plant Brdg.*
†F. H. Dennis, *Asst. in Plant Brdg. Invest.*
*Ernest Dorsey, Ph. D., *Instr. Plant Brdg.*
†W. I. Fisher, *Asst. in Plant Brdg. Invest.*
*A. C. Fraser, Ph. D., *Asst. Prof. Plant Brdg.*
*R. D. Lewis, B. S., *Instr. Plant Brdg.*
‡J. R. Livermore, B. S., *Ext. Instr. Plant Brdg.*
*†H. H. Love, Ph. D., *Prof. Plant Brdg.*
†L. D. Mastin, *Asst. in Plant Brdg. Invest.*
*†‡C. H. Myers, Ph. D., *Prof. Plant Brdg.*
*†R. G. Wiggins, Ph. D., *Asst. Prof. Plant Brdg.*

Plant Pathology:
*†‡L. M. Massey, Ph. D., *Prof. and Head of Dept.*
†‡M. F. Barrus, Ph. D., *Ext. Prof. Plant Path.*
*†F. M. Blodgett, Ph. D., *Asst. Prof. Plant Path.*
*†W. H. Burkholder, Ph. D., *Asst. Prof. Plant Path.*
‡Charles Chupp, Ph. D., *Ext. Asst. Prof. Plant Path.*

Plant Pathology—Continued.
‡K. H. Fernow, Ph. D., *Ext. Asst. Prof. Plant Path.*
*†H. M. Fitzpatrick, Ph. D., *Prof. Plant Path.*
*J. E. Flynn, M. S., *Instr. Plant Path.*
‡A. L. Pierstorff, A. B., *Ext. Instr. Plant Path*
*J. W. Sinden, A. B., *Instr. Plant Path.*
*H. E. Thomas, Ph. D., *Asst. Prof. Plant Path.*
*H. H. Wedgworth, M. S., *Instr. Plant Path.*
*D. S. Welch, Ph. D., *Asst. Prof. Plant Path.*
*†H. H. Whetzel, M. A., *Prof. Plant Path.*

Poultry Husbandry:
*†‡J. E. Rice, B. S., *Prof. and Head of Dept.*
‡H. E. Botsford, B. S., *Ext. Prof. Poultry Husb.*
*R. C. Bradley, M. S., *Instr. Poultry Husb.*
*G. O. Hall, M. S., *Instr. Poultry Husb.*
*†G. F. Heuser, Ph. D., *Prof. Poultry Husb.*
‡L. M. Hurd, *Ext. Instr. Poultry Husb.*
*J. C. Huttar, B. S., *Instr. Poultry Husb.*
‡W. G. Krum, *Ext. Instr. Poultry Husb.*
*L. C. Norris, Ph. D., *Asst. Prof. Poultry Husb*
‡R. C. Ogle, *Ext. Instr. Poultry Husb.*
*C. K. Powell, Ph. D., *Instr. Poultry Husb.*
‡L. E. Weaver, B. S., *Ext. Asst. Prof. Poultry Husb.*

Publication:
*†‡Bristow Adams, B. A., *Prof. in Ext. Service, Editor and Chief of Pubs.*
‡G. S. Butts, B. S., *Supvr. Farm Study Courses*
‡D. S. Cook, B. S., *Instr. in Ext. Service.*
†Lela G. Gross, *Asst. Editor of Pubs.*
‡Nellie B. Leonard, B. A., *Asst. Editor of Pubs*

Rural Social Organization:
*†‡E. D. Sanderson, Ph. D., *Prof. and Head of Dept.*
*G. A. Bakkum, M. A., *Instr. Rural Social Organ.*
‡Mary E. Duthie, B. S., *Ext. Instr. Rural Social Organ.*
‡R. A. Felton, Ph. B., M. A., *Ext. Prof. Rural Social Organ.*
*B. L. Melvin, Ph. D., *Actg. Prof. Rural Social Organ.*

Zoology:
*H. D. Reed, Ph. D., *Prof. and Head of Dept.*
*†‡A. A. Allen, Ph. D., *Prof. Ornith.*
*Mary J. Fisher, Ph. D., *Instr. Zool.*
*Eleanor C. McMullen, A. M., *Instr. Zool.*
*Amy G. Mekeel, A. M., *Instr. Zool.*
*Lillian A. Phelps, M. A., *Instr. Zool.*
*M. D. Pirnie, B. S., *Instr. Ornith.*
*A. H. Wright, Ph. D., *Prof. Zool.*
*B. P. Young, Ph. D., *Asst. Prof. Zool.*

New York State Agricultural Experiment Station, *Geneva*

†Station staff

†R. W. Thatcher, M. A., D. Agr., LL. D., *Director*

Agronomy:
†R. C. Collison, M. S., *Chief in Research* (*Agron.*).
†G. W. Churchill, *Agr.*
†J. D. Harlan, B. S., *Asst. in Research* (*Agron.*).
†J. E. Mensching, M. S., *Assoc. in Research* (*Agron.*).

Animal Industry:
†A. C. Dahlberg, M. S., *Chief in Research* (*Dairying*).
†J. C. Henning, M. S., *Asst. in Research* (*Dairying*).
†J. C. Marquardt, B. S., *Assoc. in Research* (*Dairying*).
†W. P. Wheeler, *Assoc. in Research* (*Poultry*).

Bacteriology:

†R. S. Breed, Ph. D., *Chief in Research* (*Bact.*).
†H. J. Conn, Ph. D., *Chief in Research* (*Soil Bact.*).
†G. J. Hucker, Ph. D., *Assoc. in Research* (*Bact.*).
†C. S. Pederson, M. S., *Asst. in Research* (*Bact.*).

Biochemistry:

†R. J. Anderson, Ph. D., *Chief in Research* (*Biochem.*)
†R. L. Shriner, Ph. D., *Assoc. in Research* (*Biochem.*).

Botany:

†F. C. Stewart, M. S., *Chief in Research* (*Bot.*).
†E. E. Clayton, Ph. D., *Assoc. in Research* (*Plant Path.: P. O., Riverhead, L. I.*).
†W. O. Gloyer, M. A., *Assoc. in Research* (*Bot.*).
†Elizabeth F. Hopkins, A. B., *Asst. in Research* (*Bot.*).
†L. K. Jones, Ph. D., *Assoc. in Research* (*Plant Path.*).
†M. T. Munn, M. S., *Assoc. in Research* (*Bot.*).
†W. H. Rankin, Ph. D., *Assoc. in Research* (*Plant Path.*).
†E. V. Shear, jr., M. S., *Assoc. in Research* (*Plant Path.: P. O., Poughkeepsie*).

Chemistry:

†L. L. Van Slyke, Ph. D., *Chief in Research* (*Chem.*).
†R. C. Bender, B. S., *Asst. in Research* (*Chem.*).
†D. C. Carpenter, Ph. D., *Assoc. in Research* (*Chem.*).
†A. W. Clark, B. S., *Assoc. in Research* (*Chem.*)
†R. B. Dayton, B. S., *Asst. in Research* (*Chem.*).
†M. G. Moore, B. S., *Asst. in Research* (*Chem.*).
†L. R. Streeter, M. S., *Asst. in Research* (*Insecticide and Fungicide Invest.*).
†M. P. Sweeney, M. A., *Asst. in Research* (*Chem.*).
†W. F. Walsh, B. S., *Asst. in Research* (*Chem.*).

Editorial:

†J. D. Luckett, M. S., *Editor.*

Entomology:

†P. J. Parrott, M. A., *Chief in Research* (*Ent.*).
†D. M. Daniel, B. S., *Asst. in Research* (*Ent.*).
†F. L. Gambrell, M. S., *Asst. in Research* (*Ent.*).
†Hugh Glasgow, Ph. D., *Assoc. in Research* (*Ent.*).
†S. W. Harman, M. S., *Asst. in Research* (*Ent.*).
†F. Z. Hartzell, M. A., *Assoc. in Research* (*Ent.*).
†H. C. Huckett, Ph. D., *Assoc. in Research* (*Ent.: P. O., Riverhead, L. I.*).
†F. G. Mundinger, M. S., *Assoc. in Research* (*Ent.: P. O., Poughkeepsie*).

Horticulture:

†U. P. Hedrick, D. Sc., *Chief in Research* (*Hort.*), *Vice Dir. of Sta.*
†Alwin Berger, *Asst. in Research* (*Hort.*).
†Olav Einset, B. A., *Asst. in Research* (*Hort.*).
†F. E. Gladwin, B. S., *Assoc. in Research* (*Hort., Chatauqua Grape Work: P. O., Fredonia*).
†F. H. Hall, B. S., *Assoc. in Research* (*Veg. Gard. and Canning Crops*).
†L. R. Hawthorn, B. S., *Asst. in Research* (*Hort.*).
†G. H. Howe, B. S., *Assoc. in Research* (*Hort.*).
†C. B. Sayre, M. S., *Assoc. in Research* (*Hort.*).
†G. L. Slate, B. S., *Asst. in Research* (*Hort.*).
†O. M. Taylor, *Assoc. in Research* (*Hort.*).
†H. B. Tukey, M. S., *Assoc. in Research* (*Hort.; P. O., Hudson.*).
†Richard Wellington, M. S., *Assoc. in Research* (*Hort.*).

Miscellaneous:

†J. S. Lawson, *Museum Preparator.*
†Catharine S. Oaks, B. A., *Libr.*

NORTH CAROLINA

North Carolina State College of Agriculture and Engineering and the Agricultural Experiment Station, *State College Station, Raleigh*

*College faculty. †Station staff. ‡Extension staff

*E. C. Brooks, Litt. D., LL. D., *President*
†R. Y. Winters, Ph. D., *Dir. of Sta.*
*‡I. O. Schaub, B. S., *Dean School of Agr., Dir. of Ext. Service*
*Z. P. Metcalf, D. Sc., *Dir. of Instruction*

Agronomy:

*†C. B. Williams, M. S., *Head of Dept.*
†S. R. Bacon, B. S., *Asst. in Soil Survey* (*P. O., Rocky Mount*).
†F. O. Bartel, C. E., *Drainage Engin.*[1] (*Coop. U. S. D. A.*).
‡E. C. Blair, B. S., *Agron. Specialist.*
*W. B. Cobb, M. A., *Assoc. Prof. Soils.*
*J. B. Cotner, M. S., *Assoc. Prof. Farm Crops.*
*W. H. Darst, M. S., *Prof. Farm Crops.*
†W. A. Davis, B. S., *Asst. in Soil Survey.*
‡E. Y. Floyd, B. S., *Tobacco Specialist.*
†G. M. Garren, M. S., *Asst. in Plant Brdg.*

Agronomy—Continued.

‡H. H. Gordon, B. S., *Farm. Engin. Specialist.*
†S. K. Jackson, B. S., *Asst. in Soil Fert.*
†R. C. Journey, A. M., *Asst. in Soil Survey* (*Coop. U. S. D. A.*).
†R. H. Kime, B. S., *Asst. in Plant Brdg.*
‡S. J. Kirby, B. S., *Agron. Specialist.*
†H. B. Mann, M. S., *Asst. in Fert. Invest.*
‡W. H. Rankin, B. S., *Agron. Specialist* (*Cotton*).
*D. S. Weaver, M. S., *Assoc. Prof. Agr. Engin.*
†L. G. Willis, B. S., *Soil Chem.*

[1] Under jurisdiction of the commissioner of agriculture (*post office, Raleigh*), cooperating with the station in research.

Animal Industry:

*R. H. Ruffner, B. S., *Head of Dept. Prof. An. Husb. and Dairying.*
†R. S. Curtis, B. S., *An. Husb.*
‡J. A. Arey, B. S., *Dairy Specialist.*
*‡W. L. Clevenger, B. S., *Assoc. Prof. Dairy Mfg.*
‡F. R. Farnham, *Asst. Dairy Specialist (P. O., Asheville).*
†C. D. Grinnells, D. V. M., M. S., *Dairy Invest.*
*F. M. Haig, M. S., *Asst. Prof. An. Husb. and Dairying.*
†J. O. Halverson, Ph. D., *An. Nutr. Research.*
‡W. V. Hays, *Asst. Swine Specialist.*
*†E. H. Hostetler, M. Agr., *Assoc. Prof. An. Husb.; in charge Swine Invest.*
‡A. C. Kimrey, A. B., *Asst. Dairy Specialist.*
*L. F. Koonce, B. S., D. V. M., *Assoc. Prof. Vet. Sci.*
*L. H. McKay, B. S., *Asst. Prof. An. Husb.*
‡W. W. Shay, *Swine Husb. Specialist.*
†F. W. Sherwood, Ph. D., *Asst. in Nutr.*[1]
†H. L. Wilson, *Swiss Cheese Invest. (Coop. U. S. D. A.: P. O., Boone).*

Botany:

*B. W. Wells, Ph. D., *Head of Dept.*
*†S. G. Lehman, Ph. D., *Prof. Plant Path.; Plant Path.*
*D. B. Anderson, Ph. D., *Asst. Prof. Bot.*
‡G. W. Fant, M. S., *Ext. Plant Path.*
*A. C. Martin, M. S., *Asst. Prof. Bot.*
*†R. F. Poole, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*I. V. D. Shunk, A. M., *Asst. Prof. Bot.*

Chemistry:

*E. E. Randolph, Ph. D., *Head of Dept. Prof. Chem. Engin.*
*W. S. Anderson, M. S., *Asst. Prof. Chem.*
*H. L. Caveness, A. M., *Instr. Chem.*
*A. D. Jones, M. A., *Instr. Chem.*
*W. E. Jordan, M. S., *Asst. Prof. Chem.*
*F. E. Rice, Ph. D., *Prof. Biol. and Agr. Chem.*
*G. H. Satterfield, M. A., *Asst. Prof. Chem.*
*L. F. Williams, Ph. D., *Prof. Chem.*
*A. J. Wilson, Ph. D., *Prof. Chem.*

Economics (Rural):

*B. F. Brown, B. S., *Dean School of Sci. and Business.*
*†C. C. Taylor, Ph. D., *Prof. Rural Organ.; Econ. Research. Dean of Grad. School.*
*†W. A. Anderson, M. S., *Assoc. Prof. and Assoc. in Rural Sociol.*
*†G. W. Forster, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*†R. W. Green, M. S., *Asst. Prof. and Asst. in Marketing.*
*†A. J. Honeycutt, M. S., *Asst. Prof. and Asst. in Rural Sociol.*
*†R. J. Saville, B. S., *Asst. Prof. and Asst. in Farm Mgt.*

Editorial:

††F. H. Jeter, B. S., *Agr. Editor.*
††A. O. Alford, *Asst. Editor.*

Education (Agr.):

*T. E. Browne, M. A., *Head of Dept. Dir. Voc. Ed.*
*L. O. Armstrong, B. S., *Asst. Prof. Voc. Ed.*
*L. E. Cook, M. S., *Prof. Voc. Ed.*
*W. L. Mayer, B. S., *Assoc. Prof. Voc. Ed.*

Entomology—*See* **Zoology.**

Extension (Admin.):[2]

Director Schaub *in charge.*
‡J. M. Gray, B. S., *Asst. Dir.*
‡Mrs. Jane S. McKimmon, *Asst. Dir. and State Home Dem. Agt.*
‡L. R. Harrill, M. S., *State Agt. in Club Work.*
‡C. R. Hudson, M. S., *State Agt. in charge Negro Work.*
‡Maude E. Wallace, *Asst. State Home Dem. Agt.*

Forestry:

*F. H. Claridge, B. S., M. F., *Instr. For.*
‡R. W. Graeber, B. S., *For. Specialist.*

Home Economics:

‡Helen Estabrook, B. S., *Clothing and Home Decoration Specialist.*
‡Mary Thomas, B. S., *Nutr. Specialist.*

Horticulture:

*†C. D. Matthews, B. S., *Head of Dept.*
‡E. B. Morrow, M. S., *Hort. Specialist.*
‡H. R. Niswonger, M. A., *Hort. Specialist (P. O. Asheville).*
*J. P. Pillsbury, B. S., *Prof. Hort.*
†W. A. Radspinner, M. S., *Asst. Research Pomol.*
*†G. O. Randall, M. S., *Asst. Prof. and Asst. Hort.*
†Robert Schmidt, B. S., *Asst. Hort.*
†C. F. Williams, M. S., *Asst. Hort.*

Physics:

*C. M. Heck, A. M., *Head of Dept.*
*J. B. Derieux, Ph. D., *Prof. Phys.*
*A. A. Dixon, A. M., *Assoc. Prof. Phys.*
*J. S. Meares, B. S., *Instr. Phys.*
*S. E. Rodgers, jr., M. A., *Instr. Phys.*

Poultry Husbandry:

*††B. F. Kaupp, M. S., D. V. S., *Head of Dept.*
*W. F. Armstrong, M. S., *Asst. Prof. Poultry Husb.*
*†R. S. Dearstyne, M. S., *Assoc. Prof. and Assoc. in Poultry Invest. and Path.*
‡A. G. Oliver, C. E., *Poultry Specialist.*
‡C. F. Parrish, B. S., *Asst. Poultry Specialist.*

Zoology and Entomology:

*†Z. P. Metcalf, D. Sc., *Head of Dept.*
‡C. H. Brannon, B. S., *Asst. Ent. Specialist.*
†C. S. Brimley, *Asst. Ent.*[1]
†J. C. Crawford, M. S., *Asst. Ent.*[1]
†Elizabeth Haban, *Lab. Asst.*
†J. A. Harris, B. S., *Asst. Ent.*[1]
†R. W. Leiby, Ph. D., *Ent.*[1]
‡W. B. Mabee, B. S., *Ent. Specialist.*
*F. B. Meacham, M. S., *Instr. Apiculture.*
*T. B. Mitchell, M. S., *Asst. Prof. Zool. and Ent.*
‡C. L. Sams, *Beekeeping Specialist.*
*L. H. Snyder, M. S., *Assoc. Prof. Zool.*

[1] Under jurisdiction of the commissioner of agriculture (*post office, Raleigh*), cooperating with the station in research.

[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Miscellaneous:
*J. R. Gulledge, A. B., *Libr.*
*†R. J. Harris, *Supt. of Farms.*
*Mrs. Charlotte M. Williamson, *Asst. Libr.*

Branch Stations:[1]
F. E. Miller, B. S., *in charge, and Hort.*
Black Land Branch Sta., *P. O., Winona*—J. L. Rea, jr., B. S., *Asst. Dir.*
Coastal Plain Branch Sta. *P. O., Willard*—Charles Dearing, B. S., *Asst. Dir.* (*Coop. U. S. D. A.*).

Branch Stations—Continued.
Mountain Branch Sta. *P. O., Swannanoa*—S. C. Clapp, *Asst. Dir.*
Piedmont Branch Sta., *P. O., Statesville*—F. T. Meacham, M. S., *Asst. Dir.*
Tobacco Branch Sta., *P. O., Oxford*—E. G. Moss, *Asst. Dir.* (*Coop. U. S. D. A.*).
Upper Coastal Plain Branch Sta. *P. O., Rocky Mount*—R. E. Currin, jr., *Asst. Dir.*

The Negro Agricultural and Technical College, *Greensboro*

*Agricultural faculty. ‡Extension staff

*F. D. Bluford, A. B., Pd. B., *President*
*F. M. Staley, B. S., *Dir. Dept. of Agr., Prof. Agr.*

*L. E. Davis, B. S., *Supt. Poultry Husb.*
*O. G. Donnell, *Supt. of Greenhouse.*
*W. B. Harrison, B. S., *Prof. An. Husb., Farm Supt.*
‡S. B. Simmons, B. S., *Itinerant Teacher Training.*
*D. B. Taylor, B. S., *Prof. Agr. Chem.*
*N. H. Williams, B. S., *Prof. Hort. and Crops.*

NORTH DAKOTA

North Dakota Agricultural College and the Agricultural Experiment Station, *State College Station, Fargo* (**freight and express address,** *Fargo*)

*College faculty. †Station staff. ‡Extension staff

*J. L. Coulter, Ph. D., LL. D., *President* (*Advisory, Agr. Econ.*)
*†H. L. Walster, Ph. D., *Dean School of Agr.*
*†P. F. Trowbridge, Ph. D., *Dir. of Sta. Prof. Research Methods*
*‡G. W. Randlett, B. S., *Dir. of Agr. Ext. Prof. Ext. Methods*

Agronomy:
Dean Walster, *Chair. of Dept. Prof. Agron. and Soils; in charge Soil Survey.*
*O. O. Churchill, M. S., *Prof. Agron.* (*Farm Crops*).
*†J. E. Chapman, M. S., *Asst. Prof. and Asst. in Soil Work.*
†E. I. Olsen, B. S., *Asst. Agron.* (*Flax Invest.*) *and Supt. Dem. Farms.*
†P. J. Olson, M. S., *Asst. Agron.*
†Thomas Sanderson, *Miller.*
†T. E. Stoa, M. S., *Asst. Agron.*
†L. R. Waldron, M. A., *Agron.* (*Plant Brdg.*).

Animal Husbandry:
†J. H. Shepperd, M. S., *Chair. of Dept.*
‡G. J. Baker, M. S., *State Agt. in Livestock.*
*†O. A. Barton, *Prof. Poultry Husb.; Poultryman.*
*†F. W. Christensen, M. S., *Prof. An. Nutr.; An. Nutr.*
†D. J. Griswold, jr., A. M., *An. Husb.*
*†A. S. Severson, M. S., *Asst. Prof. An. Husb.; An. Husb.*
*†E. J. Thompson, B. S., *Prof. An. Husb.; An. Husb.*
*‡O. J. Weisner, B. S., *Instr. and State Agt. in Poultry Husb.*

Botany, Bacteriology, and Zoology:
*†H. L. Bolley, M. S., *Dean of Biol., Prof. Bot. and Plant Path.; Bot. and Pure Seed.*
†W. E. Brentzel, M. A., *Plant Path.*
†W. G. Couey, B. S., *Potato Diseases.*
*†Mayme Dworak, A. M., *Asst. Prof. Bot. and Bact.; Bact. and Plant Physiol.*

Botany, Bacteriology, and Zoology—Contd.
*G. J. Ikenberry, M. S., *Instr. Bot.*
†H. D. Long, *Field Crop Insp.*
‡G. C. Mayoue, M. S., *Ext. Plant Path.*
*G. E. Miller, M. A., *Prof. Biol.*
*†C. I. Nelson, A. B., *Prof. Bact.; Bact. and Soil Biol.*
*E. S. Reynolds, Ph. D., *Prof. Bot.*
*†O. A. Stevens, M. S., *Asst. Prof. Bot.; Deputy Seed Comr.*
*A. D. Whedon, Ph. D., *Prof. Zool. and Physiol.*

Chemistry:
*W. T. Pearce, Ph. D., *Head School of Chem.*
†T. H. Hopper, M. A., *Chair. of Agr. Chem. Dept.*
*G. A. Ballum, M. S., *Instr. Chem.*
*L. L. Carrick, Ph. D., *Prof. Inorg. Chem.*
*C. A. Gottschalck, M. S., *Prof. Org. Chem.*
†C. E. Mangels, A. M., *Cereal Chem.*
†L. L. Nesbitt, B. S., *Asst. Agr. Chem.*
*R. E. Remington, M. A., *Asst. Prof. Biol. Chem.*
*V. M. Stowe, M. S., *Instr. Chem.*

Dairy Husbandry:
*†J. R. Dice, A. M., *Chair. of Dept.*
‡A. M. Challey, B. S., *State Agt. in Dairying.*

Economics (Agr.):
*‡C. E. Miller, M. S., *Chair. of Dept.*
†E. A. Willson, M. S., *Rural Organ. Specialist.*
†A. H. Benton, Ph. D., *Marketing and Rural Finance.*
†‡R. E. Willard, B. S., *Farm Mgt. and Rural Econ.* (*State Agt.*).
†J. A. Barner, *Asst. in Farm Mgt.* (*Coop. U. S. D. A.*).

[1] Under the State Department of Agriculture and the agricultural experiment station.

Economics—Continued.
*O. M. Fuller, M. S., *Instr. Agr. Econ.*
†‡G. G. Gardner, *Asst. Farm Mgt. Dem.*
†M. F. Peightal, M. S., *Asst. in Agr. Econ.*
†‡T. S. Thorfinnson, M. S., *Asst. in Farm Mgt. (Coop. U. S. D. A.).*
†Stanley Wilner, B. S., *Agt. in Farm Mgt.*

Editorial and Publicity:
*†‡W. C. Palmer, M. S., *Agr. Editor.*
*†‡R. A. Corbett, *Photog.*
‡S. W. Hooper, B. S., *Asst. Editor.*
*†‡T. W. Johnson, M. S., *Instr. Journalism; Asst. Agr. Editor.*

Education (Agr.):
*E. H. Jones, M. A., *Prof. Agr. Ed. and State Supvr.*
*L. A. Jackson, M. S., *Instr. Agr. Ed.*

Engineering (Agr.):
*†R. C. Miller, B. S., A. E., *Asst. Prof. Agr. Engin.*

Entomology:
†J. A. Munro, M. S., *Ent.*

Extension (Admin.):[1]
Director Randlett *in charge.*
——— ———, *County Agt. Leader.*
‡Mrs. Myrtle G. Cole, B. A., *Supvr. of Projects (Women's Work).*
‡H. E. Rilling, M. S., *Supvr. of Projects (Club Work).*
‡Grace DeLong, B. A., *Asst. Supvr. of Projects.*
‡N. D. Gorman, *Asst. County Agt. Leader.*
‡Pauline M. Reynolds, B. A., *Asst. Supvr. of Projects (Club Work).*

Home Economics:
*Alba Bales, M. A., *Head of School.*
*Minnie A. Anderson, M. A., *Assoc. Prof. Home Econ.*
*Frances Bailey, M. A., *Instr. Home Econ.*
‡Eulalia Church, B. S., *State Agt. in Clothing.*

Home Economics—Continued.
*Helen C. Finlayson, A. B., *State Supvr. Home Econ.*
‡Alice Flaten, B. S., *State Agt. in Home Mgt.*
*Dorothy L. Hatch, B. S., *Instr. Home Econ.*
*Ida Ingalls, M. A., *Instr. Home Econ.*
‡Mrs. Dorothy A. Loudon, B. S., *State Agt. in Nutr.*
*Elvira T. Smith, M. A., *Assoc. Prof. Home Econ.*
‡Edna Sommerfeldt, B. S., *State Agt. in Clothing.*
‡Hazel B. Spencer, B. A., *State Agt. in Nutr.*

Horticulture:
*C. B. Waldron, B. S., *Chair. of Dept., Prof. Hort. and For. Vice Dean of Coll.*
*†A. F. Yeager, M. S., *Assoc. Prof. Hort.; Hort.*

Veterinary Science:
*†A. F. Schalk, D. V. M., *Head of School, Prof. Vet. Sci.; Vet.*
*†H. L. Foust, D. V. M., *Asst. Prof. Vet. Sci. Asst. Vet.*
‡Don McMahon, M. D. C., *State Agt. in An. Health.*
†L. M. Roderick, D. V. M., M. S., *Asst. Vet.*

Miscellaneous:
†J. D. Brandmeyer, *Farm Supt.*
*Mrs. Ethyl McVeety, *Libr.*
*Harriet A. Pearson, A. B., *Asst. Libr.*

Substations:
Dickinson—
Leroy Moomaw, B. S., *Supt. (Coop. U. S. D. A.).*
R. W. Smith, B. S., *Assoc. Agron. (Coop. U. S. D. A.).*
Edgeley—O. A. Thompson, B. S., Supt.
Hettinger—U. J. Downey, B. S., *Supt.*
Langdon—Victor Sturlaugson, *Supt.*
Williston—A. C. Kuenning, B. S., *Supt.*

OHIO

The Colleges of Agriculture and of Veterinary Medicine and the Departments of Agricultural Education and Home Economics, Ohio State University, *Columbus*

*College faculty. ‡Extension staff

*G. W. Rightmire, M. A., *President of University*
*Alfred Vivian, Ph. G., *Dean Coll. of Agr.*
‡H. C. Ramsower, B. S., *Dir. of Agr. Ext. Work*
*D. S. White, D. V. M., *Dean Coll. of Vet. Med.*

Animal Husbandry:
*C. W. Gay, B. S., D. V. M., *Head of Dept.*
‡C. L. Blackman, M. S., *An. Husb. Specialist.*
*J. S. Coffey, B. S., *Prof. An. Husb.*
‡Paul Gerlaugh, B. S., *An. Husb. Specialist.*
‡L. A. Kauffman, B. S., *An. Husb. Specialist.*
*D. J. Kays, B. S., *Prof. An. Husb.*
*C. S. Plumb, B. S., *Prof. An. Husb.*
*S. M. Salisbury, B. S., *Prof. An. Husb.*
‡J. W. Wuichet, B. S., *An. Husb. Specialist.*

Botany:
*E. N. Transeau, Ph. D., *Head of Dept., Prof. Plant Physiol.*
*R. A. Dobbins, M. S., *Instr. Bot.*
*S. S. Humphrey, M. S., *Instr. Bot.*

Botany—Continued.
*B. S. Meyer, M. A., *Instr. Bot.*
*H. C. Sampson, Ph. D., *Prof. Bot.*
*J. D. Sayre, Ph. D., *Asst. Prof. Bot.*
*J. H. Schaffner, Ph. D., *Prof. Bot.*
*W. G. Stover, Ph. D., *Prof. Bot.*
*L. H. Tiffany, Ph. D., *Asst. Prof. Bot.*
*A. E. Waller, Ph. D., *Asst. Prof. Bot.*

Chemistry (Agr.):
*J. F. Lyman, Ph. D., *Head of Dept.*
*E. F. Almy, M. S., *Asst. Prof. Agr. Chem.*
*R.C. Burrell, Ph. D., *Asst. Prof. Agr. Chem*
*C. P. Hinkle, M. A., *Asst in Agr. Chem.*
*T. G. Watson, M. S., *Asst. Prof. Agr. Chem.*

[1]For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Dairying:
*Oscar Erf, B. S., *Head of Dept.*
*H. D. Drain, B. S., *Asst. Prof. Dairying.*
*D. S. Kochheiser, B. S., *Instr. Dairying.*
‡Ivan McKellip, M. S., *Cow Testing Work (Coop. U. S. D. A.).*
*R. B. Stoltz, B. S., *Prof. Dairying.*

Economics (Rural):
*J. I. Falconer, Ph. D., *Head of Dept.*[1]
‡C. R. Arnold, B. S., *Asst. Farm Mgt. Dem.*
*J. F. Dowler, B. S., *Instr. Rural Econ.*[1]
*L. G. Foster, A. M., *Asst. Prof. Rural Econ.*[1]
‡C. W. Hammans, M. S., *Marketing Specialist.*
*C. E. Lively, M. A., *Asst. Prof. Rural Sociol.*[1]
*C. G. McBride, M. S., *Asst. Prof. Marketing.*[1]
‡Guy Miller, *Farm Mgt. Dem.*
*F. L. Morison, M. S., *Instr. Rural Econ.*[1]
*T. D. Phillips, B. S., *Asst. Prof. Farm Mgt.*
‡R. B. Tom, *Specialist in Rural Sociol.*
‡E. J. Utz, B. S., *Asst Farm Mgt. Dem.*
‡B. A. Wallace, M. A., *Marketing Specialist.*

Editorial—*See* **Journalism.**

Education (Agr.):
*W. F. Stewart, M. S., *Head of Dept.*
*E. O. Bolender, B. S., *Instr. Agr. Ed. (P. O., Hilliards).*
‡H. E. Eswine, *Instr. Agr. Ed.*
*Harold Kenestrick, B. S., *Asst. Prof. Agr. Ed.*
*A. C. Kennedy, B. S., *Instr. Agr. Ed. (P. O., Worthington).*
*J. B. McClelland, B. S., *Instr. Agr. Ed.*
*R. G. McMurray, B. S., *Instr. Agr. Ed. (P. O., Canal Winchester).*
*H. W. Nisonger, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*G. W. McCuen, B. S., *Head of Dept.*
‡R. D. Barden, B. S., *Agr. Engin. Specialist.*
‡Virgil Overholt, B. S., *Agr. Engin. Specialist.*
*P. B. Potter, B. S., C. E., *Asst. Prof. Agr. Engin.*
*C. O. Reed, B. S., *Prof. Agr. Engin.*
*B. M. Stahl, M. S., D. V. M., *Instr. Agr. Engin.*
‡H. P. Twitchell, B. S., *Agr. Engin. Specialist.*

Entomology—*See* **Zoology.**

Extension (Admin.):[2]
Director Ramsower *in charge.*
‡G. B. Crane, B. S., *Asst. Dir. and Secy.*
‡Minnie Price, B. S., *State Home Dem. Leader.*
‡W. H. Palmer, M. S., *State Club Leader.*
‡F. L. Allen, *Supvr. of Insts. and Ext. Schools.*
‡W. W. Brownfield, B. S., *Dist. Supvr.*
‡G. R. Eastwood, B. S., *Dist. Supvr.*
‡D. S. Myer, B. S., *Dist. Supvr.*
‡B. B. Spohn, B. S., *Dist. Supvr.*
‡Blanche B. Bowers, B. S., *Asst. State Home Dem. Leader.*
‡O. C. Croy, B. S., *Asst. State Club Leader.*
‡Guy Dowdy, B. S., *Asst. State Club Leader.*
‡Hulda E. Horst, B. S., *Asst. State Club Leader.*
‡Adele Koch, M. S., *Asst. State Home Dem. Leader.*
‡C. C. Lang, B. S., *Asst. State Club Leader.*

Farm Crops:
*J. B. Park, D. Sc., *Head of Dept.*[1]
*H. L. Borst, M. S., *Instr. Farm Crops.*
‡W. E. Hanger, B. S., *Farm Crops Specialist.*
‡Earl Jones, M. S., *Farm Crops Specialist.*
*R. H. Livingston, *Asst. in Farm Crops.*
‡E. P. Reed, B. S., *Farm Crops Specialist.*
*C. J. Willard, M. S., *Asst. Prof. Farm Crops.*

Home Economics:
*Faith R. Lanman, M. A., *Head of Dept.*
*Maude G. Adams, B. S., *Prof. Home Econ.*
*Clara Bancroft, B. S., *Instr. Voc. Home Econ.*
‡Geneva M. Bane, B. S., *Home Mgt. Specialist.*
‡Anne Biebricker, B. S., *Clothing Specialist.*
‡Jeanette Butler, B. S., *Clothing Specialist.*
‡Edna Callahan, B. S., *Clothing Specialist.*
*Elizabeth C. Cooley, M. S., *Instr. Home Econ.*
*Alice M. Donnelly, B. S., *Asst. Prof. Home Econ.*
*L. June Findley, M. A., *Asst. Prof. Home Econ.*
‡Alma L. Garvin, B. S., *Nutr. Specialist.*
*Hazel Huston, B. S., *Instr. Home Econ.*
*Almeda Jones, B. S., *Instr. Home Econ.*
*Hughina McKay, M. A., *Asst. Prof. Home Econ.*
‡Lelia Ogle, *Nutr. Specialist.*
*Ida Patterson, B. S., *Asst. Prof. Home Econ.*
*Leona R. Peckham, B. S., *Instr. Home Econ.*
‡Wanda Przyluska, B. S., *Home Health Specialist.*
*Susan Roof, B. S., *Instr. Home Econ.*
*Eunice Ryan, M. A., *Instr. Home Econ.*
*Mrs. Elsie Steiger, B. S., *Instr. Home Econ.*
*Grace G. Walker, B. S., *Prof. Home Econ.*

Horticulture:
*Wendell Paddock, M. S., *Head of Dept.*
‡F. H. Beach, B. S., *Hort. Specialist.*
*F. G. Charles, B. S., *Instr. Hort.*
‡F. W. Dean, B. S., *For. Specialist.*[1]
‡C. S. Holland, B. S., *Hort. Specialist.*
*A. C. Hottes, M. S., *Prof. Flor.*
*Elusina Lazenby, B. A., *Instr. Landsc. Arch.*
*G. L. Lynch, M. L. A., *Asst. Prof. Landsc. Arch.*
*L. M. Montgomery, M. S., *Prof. Hort.*
*John Morrison, *Asst. Hort.*
*N. W. Scherer, B. S., *Asst. Prof. For.*
*W. R. Sears, B. S., M. L. A., *Prof. Landsc. Arch.*
*A. D. Taylor, M. S., *Prof. Landsc. Arch. (non-resident).*
‡E. B. Tussing, B. S., *Veg. Gard. Specialist.*

Journalism:
‡J. E. McClintock, B. S., *Editor.*
‡J. R. Fleming, B. S., *Asst. Editor.*
‡C. E. Wilson, A. B., *Asst. in Photog. and Illustrations.*

Poultry Husbandry:
*E. L. Dakan, B. S., *Head of Dept.*
‡R. E. Cray, B. S., *Poultry Specialist.*
‡G. S. Vickers, B. S., *Poultry Specialist.*

[1] See also experiment station staff, p. 59.
[2] For subject-matter workers see the respective division, i. e., animal husbandry, botany, etc.

Soils:
*F. E. Bear, Ph. D., *Head of Dept.*[1]
‡M. V. Bailey, B. S., *Soils Specialist.*
‡E. E. Barnes, B. S., *Soils Specialist.*
*G. W. Conrey, Ph. D., *Asst. Prof. Soils.*[1]
*G. M. McClure, M. S., *Asst. Prof. Soils.*
‡J. A. Slipher, B. S., *Soils Specialist.*
*C. L. Thrash, M. S., *Instr. Soils.*

Veterinary Medicine:
Dean White *in charge.*
*O. V. Brumley, V. S., *Prof. Vet. Surg., Dir. of Clinics.*
*L. W. Goss, D. V. M., *Prof. Vet. Path.*
*J. D. Grossman, D. V. M., *Prof. Vet. Anat.*
*J. H. Snook, D. V. M., *Prof. Vet. Surg.*
*D. W. Ashcraft, *Instr. Vet. Anat.*
*R. A. Hendershott, D. V. M., *Instr. Vet. Path.*
*W. R. Hobbs, D. V. M., *Asst. Prof. Vet. Surg.*
*G. S. Mechling, *Field Vet.*
*R. E. Rebrassier, D. V. M., *Asst. Prof. Vet. Path.*

Veterinary Medicine—Continued.
*J. N. Shoemaker, D. V. M., *Asst. Prof. Vet. Med.*

Zoology and Entomology:
*R. C. Osburn, Ph. D., *Head of Dept.*
*W. M. Barrows, D. Sc., *Prof. Zool.*
*D. M. DeLong, Ph. D., *Prof. Ent.*
*J. S. Hine, B. S., *Assoc. Prof. Zool. and Ent.*
*C. H. Kennedy, Ph. D., *Asst. Prof. Ent.*
*W. J. Kostir, M. S., *Asst. Prof. Zool.*
*F. H. Krecker, Ph. D., *Prof. Zool.*
*R. N. McCormick, M. S., *Instr. Zool.*
*D. F. Miller, M. A., *Instr. Zool.*
*Herbert Osborn, D. Sc., *Research Prof. Zool. and Ent.*[1]
‡T. H. Parks, M. S., *Ent. Specialist.*
*Hugh Setterfield, M. S., *Instr. Zool.*
*Mary Waters, A. B., *Asst. in Zool.*

Ohio Agricultural Experiment Station, *Wooster*

†Station staff

†C. G. Williams, *Director*

Agronomy:
†R. M. Salter, M. S., *Chief.*
†C. E. Thorne, M. S., *Consult. Chief.*
†J. W. Ames, M. S., *Assoc. in Agron.* (*Chem.*).
†H. W. Batchelor, B. S., *Asst. Agron.* (*Soils*).
†L. D. Baver, B. S., *Asst. in Agron.* (*Soils*).
†F. E. Bear, Ph. D., *Assoc. in Agron.* (*Soils: P. O., Columbus*).
†G. W. Conrey, Ph. D., *Assoc. in Agron.* (*Soils: P. O., Columbus*).
†Mabel K. Corbould, B. S., *Asst. in Agron.* (*Chem.*).
†I. H. Curie, B. S., *Asst. in Agron.* (*Soils*).
†J. S. Cutler, M. S., *Asst. in Agron.*
†C. E. Dike, B. S., *Asst. in Agron.*
†F. R. Dreibelbis, B. S., *Asst. in Agron.* (*Chem.*).
†R. W. Gerdel, M. S., *Asst. in Agron.* (*Chem.*).
†T. C. Green, B. S., *Asst. in Agron.* (*Soils*).
†V. H. Morris, M. A., *Asst. in Agron.* (*Chem.*).
†J. B. Park, D. Sc., *Assoc. Agron.* (*P. O., Columbus*).
†A. H. Paschall, B. S., *Asst. in Agron.*(*Soils*).
†C. A. Patton, *Asst. Agron. and Climat. Observer.*
†C. J. Schollenberger, A. B., *Asst. in Agron.* (*Chem.*).
†R. H. Simon, A. M., *Asst. in Agron.* (*Chem.*).
†G. H. Stringfield, B. S., *Asst. Agron.*
†L. E. Thatcher, Ph. G., *Assoc. Agron.*
†F. A. Welton, Ph. D., *Assoc. Agron.*

Animal Industry:
†Gustav Bohstedt, Ph. D., *Chief.*
†D. S. Bell, M. S., *Asst.* (*Sheep Invest.*).
†R. M. Bethke, Ph. D., *Asst.* (*Nutr.*).
†B. H. Edgington, M. D. C., D. V. M., *Assoc.* (*Path.*).
†C. H. Hunt, A. M., *Asst.* (*Nutr.*).
†D. C. Kennard, Ph. C., B. S., *Assoc.* (*Poultry Invest.*).
†L. B. Nettleton, *Asst.* (*Poultry*).
†W. L. Robison, M. S., *Asst.* (*Swine Invest.*).
†H. L. Sassaman, M. S., *Asst.* (*Nutr.*).
†A. R. Winter, M. S., *Asst.* (*Nutr.*).

Botany and Plant Pathology:
†H. C. Young, Ph. D., *Chief.*
†Freda Detmers, Ph. D., *Asst. Bot.*
†Grace Gilmor, M. S., *Asst. Technician.*
†Curtis May, M. A., *Asst. Plant Path.*
†A. G. Newhall, M. S., *Asst. Plant Path.*
†R. C. Thomas, M. A., *Assoc. Plant Path.*
†P. E. Tilford, B. S., *Asst. Plant Path.*
†R. B. Wilcox, M. S., *Assoc. Plant Path.*

Dairy Industry:
†C. C. Hayden, M. S., *Chief.*
†C. F. Monroe, M. S., *Asst. Dairy Chem.*
†A. E. Perkins, M. S., *Asst. Dairy Chem.*

Economics (Rural):
†J. I. Falconer, Ph. D., *Chief* (*P. O., Columbus*).
†J. F. Dowler, B. S., *Asst.* (*P. O., Columbus*).
†L. G. Foster, A. M., *Asst.* (*P. O., Columbus*).
†G. F. Henning, M. S., *Asst.* (*P. O., Columbus*).
†C. E. Lively, M. A., *Asst.* (*P. O., Columbus*).
†C. G. McBride, M. S., *Asst.* (*P. O., Columbus*).
†F. L. Morison M. S., *Asst.* (*P. O., Columbus*).

Editorial:
†W. K. Greenbank, *Editor.*

Entomology:
†J. S. Houser, M. S., *Chief.*
†C. R. Cutright, Ph. D., *Asst. Ent.*
†L. L. Huber, Ph. D., *Asst. Ent.*
†C. R. Neiswander, M. S., *Asst. Ent.* (*P. O., Oak Harbor*).
†Herbert Osborn, D. Sc., *Assoc. Ent.* (*P. O., Columbus*).
†Joseph Polivka, M. S., *Asst. Ent.* (*P. O., Oak Harbor*).

Forestry:
†Edmund Secrest, B. S., *Chief For. and Assoc. Dir. of Sta.* (*State For.*).
†O. A. Alderman, M. F., *Asst. For.*
†J. J. Crumley, Ph. D., *Assoc. For.* (*P. O., Athens*).
†F. W. Dean, B. S., *Asst. For.*
†B. E. Leete, M. F., *Asst. For.* (*P. O., Portsmouth*).
†L. J. Leffelman, M. F., *Asst. For.*

[1] See also experiment station staff, below.

Horticulture:
†J. H. Gourley, M. S., *Chief.*
†F. H. Ballou. *Assoc. Hort.* (*P. O., Newark*).
†J. W. Bushnell, Ph. D., *Asst. Hort.*
†Donald Comin, B. S., *Asst. Hort.*
†C. W. Ellenwood, *Asst. Hort.*
†F. S. Howlett, Ph. D., *Asst. Hort.*
†I. P. Lewis, B. S., *Asst. Hort.* (*P. O., Marietta*).
†Roy Magruder, B. S., *Asst. Hort.*
†J. S. Shoemaker, Ph. D., *Asst. Hort.*

Miscellaneous:
†W. H. Alexander, *Climat.* (*Detailed by U. S. D. A.: P. O., Columbus*).
†W. H. Kramer, *Burser.*
†Sarah Painter, A. B., *Libr.*

Substations:
C. W. Montgomery, *in charge.*
M. A. Bachtell, M. S., *Assoc.*
Northeastern Test Farm, *Strongsville*—J. T. Wilson, *Supt.*
Southeastern Test Farm, *Carpenter*—S. C. Hartman, M. S., *Supt.*
Southwestern Test Farm, *Germantown*—H. M. Wachter, *Supt.*

Substations—Continued.
Belmont County Expt. Farm, *St. Clairsville*—G. M. DeGroft, B. C. S., *Supt.*
Clermont County Expt. Farm, *Owensville*—W. E. Weaver, *Supt.*
Hamilton County Expt. Farm, *Mt. Healthy*—W. E. Weaver, *Supt.*
Madison County Expt. Farm, *London*—H. W. Rogers, *Supt.*
Mahoning County Expt. Farm, *Canfield*—L. W. Sherman, *Supt.*
Miami County Expt. Farm, *Troy*—H. W. Rogers, *Supt.*
Paulding County Expt. Farm, *Paulding*—H. R. Hoyt, *Supt.* (*P. O., Wooster*).
Trumbull County Expt. Farm, *Cortland*—C. H. Crawford, B. S., *Supt.*
Washington County Expt. Farm, *Fleming*—S. C. Hartman, M. S., *Supt.*
Washington County Truck Farm, *Marietta*—O. N. Riley, *Foreman.*

OKLAHOMA

Oklahoma Agricultural and Mechanical College and the Agricultural Experiment Station, *Stillwater*

*College faculty. †Station staff. ‡Extension staff

*Bradford Knapp, B. S., D. Agr., *President*
*†C. T. Dowell, Ph. D., *Dean School of Agr., Dir. of Sta.*
——— ———, *Dir. of Ext. Div.*

Agronomy:
*†Adrain Daane, M. S., *Prof. and Head of Dept.*
†R. W. Ellithorpe, B. S., *Asst. Agron.* (*P. O., Granite*).
†H. H. Finnell, B. S., *Assoc. in Agron.* (*P. O., Goodwell*).
*†Fred Griffee, Ph. D., *Prof. Plant Brdg.; Agron.*
*H. J. Harper, Ph. D., *Prof. Soils.*
†C. D. Haston, B. S., *Foreman Agron. Farm.*
*†K. H. Klages, Ph. D., *Asst. Prof. and Asst. Agron.*
*†L. L. Ligon, M. S., *Asst. Prof. and Asst. Agron.*
*†H. F. Murphy, M. S., *Assoc. Prof. and Assoc. Agron.* (*Cotton Expts.*).
‡L. W. Osborn, B. S., *Ext. Agron.*
†H. C. Potts, B. S., *Supt. of Coop. Expts.*

Animal Husbandry:
*†W. L. Blizzard, B. S., *Prof. and Head of Dept.*
‡P. G. Adams, B. S., *Ext. An. Husb.*
*†F. J. Beard, M. S., *Asst. Prof. and Asst. An. Husb.*
*†W. A. Craft, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†A. E. Darlow, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†C. P. Thompson, M. S., *Prof. An. Husb.; An. Husb.*

Botany and Plant Pathology:
*†F. M. Rolfs, Ph. D., *Prof. and Head of Dept.*
*H. I. Featherly, M. S., *Asst. Prof. Bot. and Plant Path.*
*O. C. Schultz, B. S., *Assoc. Prof. Bot. and Plant Path.*
*†Robert,Stratton, M. A., *Asst. Prof. and Asst. Bot. and Plant Path.*

Chemistry:
*O. M. Smith, Ph. D., *Prof. and Head of Chem. Dept.*
*†V. G. Keller, Ph. D., *Prof. and Head Dept. of Agr. Chem.*
†W. D. Gallup, B. S., *Asst. Chem.*
*Ruth Gerber, *Instr. Chem.*
*†N. B. Guerrant, Ph. D., *Asst. Prof. and Asst. Agr. Chem.*
*A. H. Koschmann, M. S., *Instr. Chem. and Geol.*
*C. L. Nickolls, M. S., *Assoc. Prof. Chem.*
*H. A. H. Pray, Ph. D., *Assoc. Prof. Chem.*
*S. R. Wood, M. S., *Asst. Prof. Chem.*

Dairy Husbandry:
*†A. C. Baer, B. S., *Prof. and Head of Dept.*
*†R. B. Becker, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡J. W. Boehr, M. S., *Ext. Dairy Husb.*
*†A. D. Burke, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
*O. C. Cooper, B. S., *Asst. in Dairying, Herdsman.*
*†P. C. McGilliard, B. S., *Asst. Prof. and Asst. Dairy Husb.*

Economics (Agr.):
*†J. T. Sanders, M. S., *Prof. and Head of Dept.*
*L. D. Howell, M. S., *Assoc. Prof. Agr. Econ.*
*†W. W. Fetrow, Ph. D., *Prof. Agr. Econ.; Agr. Econ. and Farm Mgt.*
‡G. W. Vincent, *Livestock Marketing Specialist.*

Editorial:
*E. E. Hadley, A. B., *Editor.*

Education (Agr.):
*O. M. Clark, B. S., *Prof. and Head of Dept.*
*P. M. Hewitt, M. S., *Asst. Prof. Agr. Ed.*
*D. M. Orr, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*L. E. Hazen, M. E., *Prof. and Head of Dept.*
‡G. E. Martin, B. S., *Farm Engin. Specialist.*
*W. E. Stanford, B. S. A. E. *Instr. Agr. Engin.*

Entomology:
*†C. E. Sanborn, M. A., *Prof. and Head of Dept.*
*†G. A. Bieberdorf, B. S., *Asst. Prof. and Asst. Ent.*
*†W. J. Brown, M. S., *Instr. and Asst. Ent.*
*H. J. Child, A. M., *Asst. Prof. Zool.*
*†G. A. Moore, B. S., *Instr. and Asst. Zool.*
‡C. S. Rude, B. S., *Ent. Specialist.*
‡C. F. Stiles, B. S. *Asst. Ent.*

Extension (Admin.):[1]
——— ———, *in charge.*
‡W. D. Bentley, *Asst. Dir., Actg. in charge.*
‡E. E. Scholl, B. S., *Asst. Dir.*
‡Frances L. Brown, B. S., *State Home Dem. Agt.*
‡B. A. Pratt, M. S., *State Club Agt.*
‡Mrs. Daisy Frazier, *Asst. State Club Agt.*
‡Charles Kilpatrick, B. S., *Asst. State Club Agt.*

Home Economics:
*Nora A. Talbot, A. M., *Dean School of Home Econ.*
*Ethel E. Davis, M. A., *Prof. and Head Dept. of Household Arts.*
*Julia Robertson, A. M., *Prof. and Head Dept. of Teacher Training.*
*Florence Schertz, M. A., *Prof. and Head Dept. of Household Sci.*
*Sue Blondell, B. S., *Instr. Household Arts.*
*Hilda Brockman, B. S., *Asst. Prof. Household Sci.*
*†Grace Fernandes, M. S., *Asst. Prof. Household Sci.*

Home Economics—Continued.
*Madonna Fitzgerald, B. S., *Instr. Household Sci.*
‡Martha R. McPheeters, B. S., *Food and Nutr. Specialist.*
*Minnie B. Myers, B. S., *Instr. Household Sci.*
*Mrs. Gladys Old, B. S., *Instr. Household Sci.*
*Ruth H. Remund, M. S., *Instr. Home Econ.*
*Anna M. Rhodes, A. M., *Assoc. Prof. Household Arts.*
*Gladys Ross, B. S., *Instr. Household Arts.*
‡Helen Shelby, M. A., *Clothing Specialist.*
*Anna L. Shields, B. S., *Asst. Prof. Teacher Training.*

Horticulture and Forestry:
*†G. W. Cochran, M. S., *Prof. and Head of Dept.*
*†F. B. Cross, B. S., *Assoc. Prof. and Assoc. Hort.*
*†E. D. Markwell, B. S., *Asst. Prof. Hort. and For.; Asst. Hort.*
‡D. C. Mooring, M. S., *Ext. Hort.*
*†D. V. Shuhart, B. S., *Asst. Prof. and Asst. Hort.*

Poultry Husbandry:
*†R. B. Thompson, B. S., *Prof. and Head of Dept.*
†George Davis, *Supt. of Poultry Farms.*
*†Robert Penquite, B. S., *Asst. Prof. and Asst. Poultry Husb.*
*†C. W. Upp, B. S., *Asst. Prof. and Asst. Poultry Husb.*
‡H. G. Ware, B. S., *Asst. Ext. Poultryman.*

Veterinary Medicine:
*C. H. McElroy, B. S., D. V. M., *Dean School of Vet. Med.*
*E. E. Harnden, B. S., D. V. M., *Asst. Prof. Vet. Med.*
*H. W. Orr, D. V. M., *Assoc. Prof. Bact. and Vet. Med.*

Agricultural and Normal University, *Langston*

*Agricultural faculty. ‡Extension work

*I. W. Young, M. D., A. M., *President*
*S. L. Hargrove, A. B., *Dean*
‡J. W. Pettus, A. B., *Dir. of Ext. Work*

*E. L. Carson, D. V. S., *Agr. Sci.*
*Carolyn C. Davis, H. E. Dip., *Asst. in Home Econ.*
*D. C. Jones, B. S., *Teacher Trainer in Agr.*
*D. W. Lee, B. S., *Asst. in Agr.*
*H. W. McNamee, *Asst. Agr. and Farm Supt.*
*B. M. Mathis, B. S., *Asst. in Agr.*
*L. G. Moore, A. B., *Indus. Sci.*
*Edlena O'Neil, B. S., *Asst. in Home Econ.*
*Mrs. G. S. Ricks, H. E. Dip., *Dir. of Home Econ. and Teacher Trainer.*
*Ida E. Wade, B. S., *Chem.*
*W. T. Wells, B. S., *Dir. of Agr.*
*Mrs. Janett P. Wess, H. E. Dip., *Asst. in Home Econ.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

OREGON

Oregon Agricultural College and the Agricultural Experiment Station, *Corvallis*

*College faculty. †Station staff. ‡Extension staff

*W. J. Kerr, D. Sc., LL. D., *President*
*A. B. Cordley, D. Sc., *Dean School of Agr.*
†J. T. Jardine, B. S., *Dir. of Sta.*
‡P. V. Maris, B. S., *Dir. of Ext. Service*

Animal Husbandry:
*†E. L. Potter, M. S., *Prof. An. Husb.; An. Husb.*
‡H. A. Lindgren, B. S., *An. Husb. Specialist.*
*†O. M. Nelson, B. S., *Prof. and Assoc. An. Husb.*
*†A. W. Oliver, B. S., *Asst. Prof. and Asst. An. Husb.*
*B. W. Rodenwold, B. S., *Asst. Prof. An. Husb.*

Bacteriology:
*†G. V. Copson, M. S., *Prof. Bact.; Bact.*
*J. A. Berry, M. S., *Instr. Bact.*
*†W. V. Halversen, Ph, D., *Assoc. Prof. and Assoc. Bact.*
*J. E. Simmons, M. S., *Asst. Prof. Bact.*

Botany and Plant Pathology:
*†H. P. Barss, M. S., *Prof. and Chief in Bot. and Plant Path.*
*W. M. Atwood, Ph. D., *Prof. Plant Physiol.*
*Helen M. Gilkey, Ph. D., *Asst. Prof. Bot., Curator of Herbarium.*
†Bertha C. Hite, B. A., *Seed Analyst (Detailed by U. S. D. A.).*
*W. E. Lawrence, B. S., *Assoc. Prof. Plant Path.*
†M. B. McKay, M. S., *Plant Path.*
*C. E. Owens, M. A., *Assoc. Prof. Plant Path.*
*F. P. Sipe, M. S., *Instr. Bot.*
*Margaret Stason, M. S., *Instr. Bot.*
†S. M. Zeller, Ph. D., *Plant Path.*

Chemistry:
*†J. S. Jones, M. S., *Prof. Agr. Chem.; Chem.*
*‡D. E. Bullis, B. S., *Asst. Chem.*
*R. E. Lothrop, B. S., *Instr. Chem.*
†H. G. Miller, Ph. D., *Chem.*
†R. H. Robinson, M. S., *Chem.*
*Walter Scott, Ph. D., *Assoc. Prof. Chem.*
*T. F. Shea, M. S., *Instr. Chem.*
†W. W. Yates, B. S., *Asst. Chem.*

Dairy Husbandry:
*†P. M. Brandt, A. M., *Prof. Dairy Husb.; Dairy Husb.*
*V. D. Chappell, M. S., *Assoc. Prof. Dairy Mfrs.*
*H. N. Colman, B. S., *Asst. Prof. Dairy Husb.*
‡N. C. Jamison, B. S., *Dairy Specialist.*
*†I. R. Jones, Ph. D., *Asst. Prof. and Asst. Dairy Husb.*

Economics and Farm Management:
*‡Hector Macpherson, Ph. D., *Prof. Econ. and Sociol., Dir. Bureau of Organ. and Markets.*
*†H. D. Scudder, B. S., *Prof. and Chief in Farm Mgt.*
‡R. S. Besse, M. S., *Farm Mgt. Dem.*

Economics and Farm Management—Contd.
‡L. R. Breithaupt, B. S., *Asst. Specialist in Marketing.*
*N. H. Comish, M. S., *Prof. Econ. and Sociol.*
*W. H. Dreesen, Ph. D., *Assoc. Prof. Econ. and Sociol.*
*Mercy J. Gain, M. S., *Instr. Econ. and Sociol.*
‡C. J. Hurd, *Marketing Specialist.*
*E. B. Mittelman, Ph. D., *Assoc. Prof. Econ. and Sociol.*
*V. P. Morris, Ph. D., *Instr. Econ. and Sociol.*
*J. F. Page, Ph. D., *Asst. Prof. Econ. and Sociol.*
*H. E. Selby, B. S., *Asst. Prof. Farm Mgt.*
*Clair Wilkes, B. S., *Instr. Farm Mgt.*

Editorial—*See* **Journalism.**

Education (Agr.):
*H. H. Gibson, A. M., *Prof. Agr. Ed.*
*J. T. Turner, B. S., *Critic Teacher in Voc. Ed.*
*H. H. White, B. S., *Critic Teacher in Agr. Ed.*

Engineering (Agr.):
*W. J. Gilmore, B. S. A. E., *Prof. Agr. Engin.*
*H. S. Rogers, B. S., *Prof. Irrig. Engin.*
*G. V. Skelton, C. E., *Prof. Highway Engin.*
*L. E. Brigham, B. S., *Asst. Prof. Irrig. Engin.*
*A. E. Jensen, *Instr. Agr. Engin.*
‡F. E. Price, B. S., *Agr. Engin. Specialist.*

Entomology:
*†D. C. Mote, M. S., *Prof. Ent.; Ent.*
*†W. J. Chamberlin, M. S., *Asst. Prof. Ent.; For. Ent.*
*H. A. Scullen, A. B., *Asst. Prof. Ent. (Bee Culture).*
†B. G. Thompson, M. S., *Asst. Ent.*
*Joseph Wilcox, B. S., *Asst. Ent.*

Extension (Admin.):[1]
Director Maris *in charge.*
‡F. L. Ballard, B. S., *County Agt. Leader.*
‡Mrs. Jessie D. McComb, M. S., *State Home Dem. Leader.*
‡H. C. Seymour, *State Club Leader.*
‡L. J. Allen, M. S., *Asst. State Club Leader.*
‡Helen J. Cowgill, B. S., *Asst. State Club Leader.*
‡W. L. Kadderly, B. S., *in charge Information and Exhibits.*

Farm Crops:
*†G. R. Hyslop, B. S., *Prof. Farm Crops; Agron.*
*†E. N. Bressman, B. S., *Assoc. Prof. Farm Crops; Assoc. Agron.*
‡E. R. Jackman, B. S., *Farm Crops Specialist.*
*†C. C. Ruth, M. S., *Assoc. Prof. Farm Crops; Assoc. Agron.*
*†H. A. Schoth, M. S., *Instr. Farm Crops; Asst. Agron. (Coop. U. S. D. A.).*

[1] For subject-matter workers see the respective division, i e., animal husbandry, bacteriology, etc.

Home Economics:

*Ava B. Milam, M. A., *Dean School of Home Econ.*
*Ruby E. Beers, B. S., *Instr. Household Admin.*
*Florence E. Blazier, M. A., *Prof. Home Econ. Ed.*
*A. Margaret Bowers, Ph. B., *Prof. Institutional Mgt.*
*Amelia E. Burns, B. S., *Instr. Household Sci.*
‡Lucy A. Case, M. A., *Asst. in Nutr.*
*Bess L. Chappell, M. A., *State Supvr. and Teacher Trainer in Home Econ.*
‡Esther B. Cooley, B. S., *Asst. in Clothing.*
*Helen L. Davis, B. S., *Vice Dean, and Prof. Household Art.*
*Alma G. Fritchoff, M. A., *Instr. Household Art.*
*Fern Gleiser, B. S., *Instr. Institutional Mgt.*
*Mrs. Katherine B. Haight, R. N., *Instr. Household Admin.*
*A. Grace Johnson, B. S., *Prof. Household Admin.*
*Helen B. Kay, B. A., *Instr. Household Art.*
*Lura A. Keiser, B. S., *Critic Teacher in Home Econ. Ed.*
*Mary S. Lyle, M. S., *Critic Teacher in Home Econ. Ed.*
*Eleanor R. Maclay, M. A., *Assoc. Prof. Household Sci.*
*Willetta Moore, M. S., *Instr. Household Sci.*
*Margaret C. Morehouse, B. S., *Instr. Household Art.*
*Lila M. O'Neale, B. S., *Assoc. Prof. Household Art.*
*Gladys L. Peterson, B. S., *Instr. Household Art.*
*Sara W. Prentiss, B. S., *Instr. Household Admin.*
*Blanche W. Stevens, B. S., *Instr. Household Art.*
*Gertrude Strickland, *Instr. Household Art.*
*Lillian C. Taylor, B. S., *Instr. Household Sci.*
*Elsie Troeger, B. S., *Instr. Institutional Mgt.*
*Mary S. Van Kirk, *Instr. Household Art.*
*Emma S. Weld, M. A., *Asst. Prof. Household Admin.*
*Gladys L. Whipple, B. S., *Instr. Household Art.*
Jessamine C. Williams, M. A., *Prof. Household Sci.*
*†Maud M. Wilson, B. S., *Prof. Home Econ.; Home Econ.*

Horticulture:

*†W. S. Brown, M. S., *Prof. and Hort. in charge.*
*J. C. Bell, M. S., *Instr. Hort. Products.*
*‡A. G. B. Bouquet, B. S. *Prof. Veg. Gard.; Hort. (Veg. Gard.).*
*Oliver Ham, *Asst. in Veg. Gard.*
*†Henry Hartman, M. S., *Assoc. Prof. and Assoc. Hort. (Pomol.).*
*†E. M. Harvey, Ph. D., *Prof. and Research Hort. (Physiol.).*
‡C L. Long, M. S., *Hort. Specialist.*
*A. L. Peck, B. S., *Prof. Landsc. Gard. and Flor.*
*†C. E. Schuster, M. S., *Assoc. Prof. and Assoc. Hort. (Pomol.).*

Horticulture—Continued.

*†E. H. Wiegand, B. S., *Prof. Hort. Products; Hort. (Products).*
*L. P. Wilcox, B. S., *Instr. Hort.*

Journalism:

*F. L. Snow, *Prof. Journalism.*
*†C. J. McIntosh, B. S., *Agr. Press Editor.*
*†‡E. T. Reed, B. S., *Editor.*

Poultry Husbandry:

*†A. G. Lunn, B. S., *Prof. Poultry Husb.; Poultry Husb.*
‡H. E. Cosby, *Poultry Husb. Specialist.*
*F. E. Fox, B. S., *Assoc. Prof. Poultry Husb.*
†F. L. Knowlton, B. S., *Assoc. Poultry Husb.*
*Earl Reitsma, B. S., *Asst. in Poultry Husb.*

Soils:

*†W. L. Powers, M. S., *Prof. and Chief in Soils.*
*Charles Hartmann, jr., M. S., *Instr. Soils.*
‡F. E. Price, B. S., *Soils Specialist.*
*†C. V. Ruzek, B. S., *Prof. and Assoc. in Soils (Fert.).*
*†R. E. Stephenson, Ph. D., *Assoc. Prof. and Asst. Soils Specialist.*
*†E. F. Torgerson, B. S., *Asst. Prof. Soils; Asst. in Soil Survey.*

Veterinary Medicine:

*†B. T. Simms, D. V. M., *Prof. Vet. Med.; Vet-*
*C. R. Donham, D. V .M., *Asst. Prof. Vet. Med*
†W. T. Johnson, B. S., D. V. M., *Poultry Path.*

Zoology and Physiology:

*Nathan Fasten, Ph. D., *Prof. Zool. and Physiol.*
*W. D. Courtney, B. S., *Instr. Zool. and Physiol.*
*Laura Garnjobst, B. S., *Tech. in Zool. and Physiol.*
*Florence S. Hague, Ph. D., *Asst. Prof. Zool. and Physiol.*
*J. L. Osborn, A. M., *Instr. Zool. and Physiol.*
*†H. M. Wight, M. S., *Asst. Prof. Zool. and Physiol.; Asst. Zool.*

Miscellaneous:

*Lucy M. Lewis, A. B., B. L. S., *Libr.*

Substations:

Sherman County Branch Sta., *P. O., Moro*—
D. E. Stephens, B. S., *Supt. (Coop. U. S. D. A.).*
B. B. Bayles, B. S., *Junior Plant Breeder (Coop. U. S. D. A.).*
G. A. Mitchell, B. S., *Asst. to Supt.*
Eastern Oreg. Branch Sta., *P. O., Union*—
Robert Withycombe, B. S., *Supt.*
F. M. Edwards, B. S., *Asst. An. Husb.*
Harney Valley Branch Sta., *P. O., Burns*—
Obil Shattuck, M. S., *Supt.*
Hood River Branch Sta., *P. O., Hood River*—
Leroy Childs, B. A., *Supt. and Ent.*
G. G. Brown, B. S., *Hort.*
John Jacob Astor Branch Sta., *P. O., Astoria*—
A. E. Engbretson, B. S., *Supt.*
Southern Oreg. Branch Sta., *P. O., Talent*—
F. C. Reimer, M. S., *Supt.*
R. K. Norris, B. S., *Asst. to Supt.*
Umatilla Branch Sta., *P. O., Hermiston*—
H. K. Dean, B. S., *Supt.*

PENNSYLVANIA

The School of Agriculture and Agricultural Experiment Station and the Departments of Home Economics and Rural Education of the Pennsylvania State College,[1] *State College*

*College faculty. †Station staff. ‡Extension staff

——— ———, *President of College*
*†R. L. Watts D. Agr., *Dean School of Agr., Dir. of Sta.*
*†R. G. Bressler, M. S., *Vice Dean of Instruction*
‡M. S. McDowell, M. S., *Dir. of Agr. Ext.*

Agronomy:
*†F. D. Gardner, B. S., *Head of Dept.*
*†C. O. Cromer, B. S., *Prof. Farm Crops.*
*†C. F. Noll, Ph. D., *Prof. Expt. Agron.*
*†J. W. White, M. S., *Prof. Soil Tech.*
*†J. S. Cobb, M. S., *Asst. Prof. Agron.*
*†M. H. Cubbon, Ph. D., *Instr. Soil Tech.*
*‡J. B. R. Dickey, B. S., *Asst. Prof. Agron. Ext.*
*†F. J. Holben, M. S., *Asst. Prof. Soil Tech.*
*†C. J. Irvin, B. S., *Instr. Expt. Agron.*
*†F. G. Merkle, M. S., *Assoc. Prof. Soil Tech.*
*‡H. B. Musser, B. S., *Asst. Prof. Agron. Ext.*
*†A. L. Patrick, M. S., *Assoc. Prof. Soil Tech.*
*‡Nickolas Schmitz, M. S., *Prof. Agron. Ext.*
*†E. F. Vandrell, B. S., *Instr. Soil Tech.*

Animal Husbandry:
*†W. H. Tomhave,[2] M. S., *Head of Dept.*
*†F. L. Bentley, M. S., *Prof. An. Husb.*
*†M. F. Grimes, M. S., *Prof. An. Husb.*
*‡W. B. Connell, M. S., *Assoc. Prof. An. Husb. Ext.*
*†H. F. Farnsworth, M. A., *Asst. in An. Husb.*
*‡H. H. Havner, D. V. M., M. S., *Prof. An. Husb. Ext.*
*†W. L. Henning, M. S., *Asst. Prof. An. Husb.*
*†P. C. MacKenzie, *Asst. in An. Husb.*
*‡L. C. Madison, B. S., *Asst. Prof. An. Husb. Ext. (Swine).*
*†J. F. Shigley, D. V. M., *Assoc. Prof. Vet. Sci.*
*‡J. M. Vial, B. S., *Asst. Prof. An. Husb. Ext.*
*†P. T. Ziegler, M. S., *Asst. Prof. An. Husb.*

Botany:
*†F. D. Kern, Ph. D., *Head of Dept.*
*†Paul Acquarone, B. S., *Instr. Bot.*
*†W. S. Beach., Ph. D., *Assoc. Prof. Plant Path. Research (P. O., Bustleton).*
*†J. B. Hill, Ph. D., *Prof. Bot.*
*†C. R. Orton, Ph. D., *Prof. Plant Path.*
*†J. P. Kelly, Sc. D., *Prof. Bot.*
*‡R. S. Kirby, Ph. D., *Asst. Prof. Plant Path. Ext.*
*‡W. S. Krout, M. A., *Assoc. Prof. Plant Path. Ext.*
*‡G. F. Miles, B. S., *Asst. Prof. Plant Path. Ext.*
*‡E. L. Nixon, M. S., *Prof. Plant Path. Ext.*
*†H. W. Popp, M. S., *Asst. Prof. Bot.*
*†L. O. Overholts, Ph. D., *Prof. Bot.*
*†H. W. Thurston, jr., Ph. D., *Asst. Prof. Plant Path.*
*†R. C. Walton, M. S., *Assoc. Prof. Plant Path. Research (P. O., Arendtsville).*

Chemistry (Agr. and Biol.):
*†R. A. Dutcher, M. S., *Head of Dept.*
*†D. E. Haley, Ph. D., *Prof. Soil and Phytochem.*

Chemistry—Continued.
*†A. K. Anderson, Ph. D., *Assoc. Prof. Physiol. Chem.*
*†E. S. Erb, M. S., *Assoc. Prof. in charge Analyses; Met.*
*†Hannah E. Honeywell, Ph. D., *Asst. Prof. Biol. Chem.*
*†M. W. Lisse, M. S., *Asst. Prof. Biophys. Chem.*
*†R. J. Miller, Ph. D., *Assoc. Prof. Biol. Chem.; Research in Poultry Nutr.*
*†H. B. Pierce, M. S., *Asst. Prof. Food and Dairy Chem.*
*†E. S. Reider, Phar. G., *Instr. Agr. Chem.*
*†G. A. Shuey, B. S., *Instr. Agr. and Biol. Chem.*
*†Walter Thomas, B. S., *Assoc. Research Prof. Phytochem.*

Dairy Husbandry and Bacteriology:
*†A. A. Borland, M. S., *Head of Dept.*
*†A. L. Beam, M. S., *Prof. Dairy Prod.*
*†S. I. Bechdel, Ph. D., *Prof. Dairy Prod.*
*‡S. J. Brownell, B. S., M. Agr., *Asst. Prof. Dairy Husb. Ext.*
*†C. D. Dahle, M. S., *Assoc. Prof. Dairy Mfrs*
*†F. J. Doan, M. S., *Asst. Prof. Dairy Mfrs.*
*‡E. B. Fitts, B. S., *Prof. Dairy Husb. Ext.*
*‡C. R. Gearhart, B. S., *Asst. Prof. Dairy Husb. Ext.*
*†F. P. Knoll, *Asst. in Dairy Mfrs.*
*†M. H. Knutsen, M. S., *Assoc. Prof. Bact.*
*‡R. H. Olmstead, M. S., *Asst. Prof. Dairy Husb. Ext.*
*‡I. O. Sidelmann, *Asst. in Dairy Husb. Ext.*
*†A. C. Simpson, B. S., *Asst. Prof. Bact.*
*†W. D. Swope, M. S., *Assoc. Prof. Dairy Husb.*
*‡G. A. Taylor, B. S., *Asst. Prof. Dairy Mfg. Ext.*
*†R. P. Tittsler, B. S., *Instr. Bact.*
*†P. S. Williams, M. S., *Asst. Prof. Dairy Husb.*

Economics (Agr.):
*†F. P. Weaver, M. S., *Head of Dept.*
*†W. V. Dennis, A. B., *Prof. Rural Sociol.*
*‡M. J. Armes, B. S., *Asst. in Farm Mgt. Ext.*
*†G. G. DeVault, B. S., *Asst. Prof. Agr. Econ. Ext.*
*‡W. R. Gordon, B. S., *Asst. Prof. Rural Sociol. Ext.*
*†F. F. Lininger, M. S., *Asst. Prof. Agr. Econ.*
*†J. L. E. McCord, M. S., *Assoc. Prof. Farm Mgt. and Agr. Econ.*
*‡E L. Moffitt, M. S., *Prof. Farm Mgt. Ext.*
*‡H. G. Niesley, M. S., *Prof. Agr. Econ. Ext.*
*‡H. S. Sloat, B. S., *Asst. in Farm Mgt. Ext.*

Editorial:
*‡E. H. Rohrbeck, B. S., *Agr. Ext. Editor.*

[1] This institution gives the academic title to all employees.
[2] On leave.

Education (Rural):
*H. G. Parkinson, M. S., *Prof. Agr. Ed.*
*W. A. Broyles, Ph. D., *Prof. Agr. Ed.*
*C. Everett Myers, Ph. D., *Prof. Agr. Ed.*
*F. B. Bennett, B. S., *Instr. Agr. Ed.* (*P. O., Spring Mills*).
*W. F. Hall, M. S., *Asst. Prof. Agr. Ed.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Director McDowell *in charge, and County Agt. Leader.*
*‡T. I. Mairs, M. S., *Head Dept. of Corresp. Courses.*
*‡A. L. Baker, B. S., *Assoc. Prof. Agr. Ext. and State Club Leader.*
*‡A. S. Barnhart, B. S., *Instr. Agr. Ext.*
*‡R. H. Bell, B. S., *Prof. Agr. Ext.*
*‡C. E. Fox, *Asst. Coop. and Rural Organ. Ext.*
*‡J. M. Fry, B. S., *Prof. Agr. Ext.*
*‡J. F. Keim, M. S., *Asst. State Club Leader.*
*‡W. R. White, M. S., *Assoc. Prof. Agr. Ed.*

Farm Machinery:
*‡R. U. Blasingame, B. S., *Head of Dept.*
*†G. M. Foulkrod, B. S., *Asst. Prof. Farm Mach.*
*‡J. R. Haswell, C. E., *Asst. Prof. Farm Mech. Ext.*
*†H. B. Josephson, M. S., *Asst. Prof. Farm Mach.*
*†E. G. Lantz, B. S., *Instr. Farm Mach.*

Farms:
*†C. L. Goodling, M. S., *Supt. of Farms and Assoc. Prof. Farm Mgt.*

Forestry:
*†J. A. Ferguson, M. A., M. F., *Head of Dept.*
*‡C. R. Anderson, M. F., *Assoc. Prof. For. Ext.*
*†W. G. Edwards, M. S., *Prof. Lumbering.*
*†W. B. MacMillan, B. S., M. F., *Asst. For.*
*‡F. T. Murphey, B. S., *Asst. Prof. For. Ext.*
*†H. S. Newins, M. F., *Prof. Wood Utilization.*
*†G. F. Rupp, B. S., *Instr. For.*

Home Economics:
*Edith P. Chace, M. A., *Dir. of Dept.*
*Jean D. Amberson, M. A., *Asst. Prof. Teacher Training in Voc. Home Econ.*
*‡Madge T. Bogart, B. S., *Prof. Home Econ. Ext.*
*Anne E. Boyd, B. S., *Instr. Dom. Art.*
*‡Margaret Brown, B. S., *Asst. Prof. Home Econ. Ext.*
*Alice A. Childs, B. S., *Asst. Prof. Home Econ.*
*Ella J. Day, M. A., *Asst. Prof. Dom. Sci.*
*Margaret L. Dozier, B. S., *Instr. Dom. Sci.*
*Ruth E. Graham, M. S., *Assoc. Prof. Dom. Art.*
*‡Belle Hubbard, *Instr. Home Econ. Ext.*
*Louise B. Moss, M. A., *Assoc. Prof. Dom. Sci.*
*Phyllis K. Sprague, B. S., *Instr. Dom. Sci.*
*Louise G. Turner, M. A., *Assoc. Prof. Teacher Training in Voc. Home Econ.*
*M. Elizabeth Westgate, M. A., *Asst. Prof. Dom. Art.*

Home Economics—Continued.
*Elizabeth W. Wheeler, B. S., *Asst. Prof. Dom. Sci.*
*Sarah M. Wilson, M. A., *Assoc. Prof. Dom. Sci. and Teacher Training in Voc. Home Econ.*

Horticulture:
*†S. W. Fletcher, Ph. D., *Head of Dept.*
*†R. D. Anthony, Ph. D., *Prof. Pomol.*
*†A. W. Cowell, B. S., *Prof. Landsc. Arch.*
*†F. N. Fagan, M. S., *Prof. Pomol.*
*†L. M. Marble, B. S., *Prof. Farm Storage Research* (*P. O., Canton*).
*†C. Emory Myers, Ph. D., *Prof. Plant Brdg.*
*†W. T. Tapley, M. S., *Prof. Veg. Gard.*
*†E. I. Wilde, M. S., *Prof. Flor.*
*‡J. R. Bracken, B. S., *Asst. Prof. in charge Landsc. Gard. Ext.*
*†H. E. Dahl, M. S., *Asst. Prof. Landsc. Arch.*
*†R. W. Evans, B. S., *Instr. Hort.*
*†F. W. Haller, *Asst. in Hort.*
*†M. T. Lewis, M. S., *Asst. in Plant Brdg.*
*†W. B. Mack, M. S., *Asst. Prof. Veg. Gard.*
*‡C. R. Mason, M. S., *Asst. Prof. Veg. Gard. Ext.*
*†R. B. Maxwell, M. S., *Instr. Storage Research* (*P. O., Canton*).
*‡W. B. Nissley, B. S., *Prof. Veg. Gard. Ext.*
*‡J. U. Ruef, M. S., *Asst. in Pomol. Ext.*
*†M. E. Smith, B. S., *Asst. in Storage Research* (*P. O., Canton*).
*‡R. S. Snyder, B. S., *Asst. in Pomol. Ext.*
*†R. H. Sudds, B. S., *Asst. in Pomol.*
*‡Paul Thayer, M. S., *Prof. Pomol. Ext.*

Poultry Husbandry:
*†H. C. Knandel, B. S., *Head of Dept.*
*†M. H. Brightman, B. S., *Asst. Prof. Poultry Husb.*
*†E. W. Callenbach, B. S., *Instr. Poultry Husb.*
*‡D. M. Gray, B. S., *Asst. Prof. Poultry Husb. Ext.*
*‡H. D. Munroe, B. S., *Prof. Poultry Husb. Ext.*
*‡R. E. Roberts, M. S., *Asst. Prof. Poultry Husb. Ext.*
*‡J. C. Taylor, B. S., *Asst. Prof. Poultry Husb. Ext.*

Zoology and Entomology:
*†E. H. Dusham, Ph. D., *Head of Dept.*
*†R. D. Casselberry, M. S., *Asst. Prof. Zool.*
*†P. A. Frost, M. S., *Asst. Prof. Zool.*
*†S. W. Frost, M. S., *Assoc. Prof. Econ. Ent.* (*P. O., Arendtsville*).
*†V. R. Haber, Ph. D., *Asst. Prof. Zool.*
*‡H. E. Hodgkiss, B. S., *Prof. Ent. Ext.*
*‡G. F. MacLeod, B. S., *Asst. Prof. Ent. Ext.*
*†G. B. Newman, M. S., *Assoc. Prof. Zool.*
*‡G. H. Rea, *Asst. Prof. Apiculture Ext.*
*†C. A. Thomas, B. S., *Asst. Prof. Econ. Ent.* (*P. O., Bustleton*).
*‡H. N. Worthley, M. S., *Asst. Prof. Ent. Ext.*

Miscellaneous:
*†G. A. Grant, *Instr. Photog.*
*†Kathryne M. Stanford, *Agr. Libr.*

[1]For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Institute of Animal Nutrition of Pennsylvania State College, *State College*

†Institute staff

†E. B. Forbes, Ph. D., *Director*

†W. W. Braman, M. S., *Assoc. in An. Nutr.*
†R. B. French, M. S., *Asst. in An. Nutr.*
†J. A. Fries, M. S., *Asst. Dir.*
†C. D. Jeffries, M. S., *Assoc. in An. Nutr.*
†M. Kriss, M. S., *Assoc. in An. Nutr.*
†J. V. Maucher, B. S., *Asst. in An. Nutr.*
†R. W. Swift, M. S., *Asst. in An. Nutr.*

PORTO RICO

College of Agriculture of the University of Porto Rico, *Mayaguez*

*College faculty

*T. E. Benner, Ed. D., *Chancellor of University (P. O., Rio Piedras)*
*C. E. Horne, Ph. D., *Dean of College (P. O., Mayaguez)*

*A. A. Alvarez, V. M. D., *Prof. Vet. Sci.*
*B. A. Bourne, M. S., *Prof. Plant Path.*
*H. H. Clum, Ph. D., *Prof. Bot. and Plant Path.*
*H. T. Cowles, B. S., *Prof. Hort., Chair. of Agr. Dept.*
*M. R. Diaz, B. S., *Asst. Sugar Chem.*
*T. E. Dunlap, M. S., *Prof. Chem.*
*A. A. Fix, B. S., *Prof. An. Husb.*
*L. C. Monzón, B. S., *Asst. Prof. Chem.*
*J. A. Rodriguez, B. S., *Asst. Prof. Agron.*
*M. A. del Valle, B. Ch. E., *Prof. Sugar Chem.*
*R. G. Wagner, M. A., *Prof. Agr. Econ.*
*W. B. Wheelis, B. S., *Asst. Prof. Ent.*

Agricultural Experiment Station, *Mayaguez*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†D. W. May, M. Agr., *Director*

†R. L. Davis, A. M., *Plant Breeder.*
†Gerard Dikmans, B. S., D. V. M., *Parasitol.*
†H. C. Henricksen, B. Agr., *Agr.*
†T. B. McClelland, A. B., *Hort.*
†C. M. Tucker, B. S., *Plant Path.*
†J. O. Carrero, B. S. Ch. E., *Asst. Chem.*
†A. Arroyo, *Ent. Preparator.*

Insular Experiment Station, *Rio Piedras*

Under the control of the Department of Agriculture and Labor of Porto Rico

†Station staff

†R. Menéndez Ramos, M. S., *Director*

†M. T. Cook, Ph. D., *Chief Div. Plant Path. and Bot.*
†W. M. Ellison, B. S., *Chief Div. An. Husb.*
†F. A. Lopez, B. S., *Chief Div. Chem.*
†Pedro Richardson, B. S., *Chief Div. Agron.*
†J. A. Bonet, B. S., *Asst. Chem.*
†J. V. Catalá, D. V. S., *Vet.*
†R. F. García, B. S., *Assoc. Chem.*
†J. P. Griffith, M. S., *Plant Breeder.*
†Pedro Osuna, B. S., *Hort.*
†J. H. Ramirez, B. S., *Asst. Chem.*
†A. H. Rosenfeld, M. S., *Special Cane Tech.*
†Francisco Sein, jr., B. S., *Asst. Ent.*
†L. A. Serrano, B. S., *Asst. Agron.*
†R. A. Toro, M. S., *Asst. Path.*
†F. A. Villamil, B. S., *Asst. Chem.*

RHODE ISLAND

Rhode Island State College and the Agricultural Experiment Station, *Kingston*

*College faculty. †Station staff. ‡Extension staff

*Howard Edwards, M. A., LL. D., *President*
*†B. L. Hartwell, Ph. D., *Dir. of Sta.*
*‡G. E. Adams, M. Agr., *Dean of Agr. and Dir. of Ext. Service*

Agronomy:

Dean Adams, *Prof. Agron.*
Director Hartwell, *Sta. Agron.*
†F. K. Crandall, B. S., *Asst. in Field Expts.*
†S. C. Damon, B. S., *Asst. in Field Expts.*
*‡L. A. Keegan, B. S., *Instr. Agron.*

Animal Industry:

*‡J. E. Ladd, M. S., *Prof. An. Husb.*
*‡C. E. Brett, B. S., *Instr. Poultry Husb.*
*‡Howland Burdick, B. S., *Asst. Prof. Dairying, Mgr. of Farm.*

Animal Industry—Continued.

*†K. H. Goodner, M. A., *Instr. Bact.; Asst. in An. Brdg. and Path.*
*†H. G. May, Ph. D., *Prof. Bact.; An. Brdg. and Path.*
†N. F. Waters, B. S., *Asst. in An. Brdg. and Path.*

Botany:

*H. W. Browning, Ph. D., *Prof. Bot.*
†F. T. McLean, Ph. D., *Plant Physiol.*
*Marian E. Deats A. M., *Instr. Bot.*

Chemistry:
Director Hartwell, *Prof. Agr. Chem.*
†B. E. Gilbert, Ph. D., *Chem.*
†W. L. Adams, B. S., *Asst. Chem.*
*C. L. Brown, A. M., *Instr. Chem.*
†L. J. Hardin, M. S., *Asst. Chem.*
*J. W. Ince, M. A., *Prof. Chem.*
*H. L. Jackson, M. S., *Prof. Indus. Chem.*
*F. W. Keaney, A. B., *Instr. Chem.*
†J. B. Smith, B. S., *Assoc. Chem.*

Economics (Agr.):
†R. B. Corbett, Ph. D., *Agr. Econ.* (*P. O., Providence*).

Extension (Admin.):[1]
Director Adams *in charge, and County Agt. Leader.*
‡Sara E. Coyne, *State Home Dem. Leader.*
‡L. F. Kinney, jr., M. S., *State Club Leader.*

Home Economics:
——— ———, *Dean.*
*Winifred Hazen, B. S., *Instr. Institutional Mgt.*

Home Economics—Continued.
†Mrs. Wilkie L. Hines, A. M., *Home Econ.*
*Mrs. Lillian L. Peppard, M. S., *Prof. Dom. Art.*
*Clara M. Taylor, M. A., *Instr. Home Econ.*
*Grace C. Whaley, B. S., *Prof. Teacher Training in Home Econ.*

Horticulture:
†A. E. Stene, M. S., *Pomol.*
*‡H. V. Marsh, B. S., *Instr. Hort.*
*C. E. Wildon, B. S., *Instr. Hort.*

Physics:
*C. L. Coggins, B. S., *Asst. Prof. Phys.*

Zoology:
*John Barlow, M. A., *Prof. Zool.*
*Frederick Bauer, M. S., *Instr. Zool.*

Miscellaneous:
†H. Alida Birch, *Libr.*
†Nathaniel Helme, *Met.*

SOUTH CAROLINA

Clemson Agricultural College and the Agricultural Experiment Station, *Clemson College* **(freight and express offices,** *Calhoun*)

*College faculty. †Station staff. ‡Extension staff

*E. W. Sikes, Ph. D., *President*
*†H. W. Barre, M. A., *Dir. of Sta.*
‡W. W. Long, M. S., LL. D., *Dir. of Ext. Service*
*F. H. H. Calhoun, Ph. D., *Dir. of Resident Teaching*

Agronomy:
———, ———.
†T. S. Buie, B. S., *Assoc. Agron. Actg. Head of Dept.*
‡J. L. Carbery, *Agron.* (*P. O., Spartanburg*).
*G. H. Collings, Ph. D., *Asst. Prof. Agron.*
‡R. W. Hamilton, B. S., *Legumes Specialist* (*P. O., Aiken*).
‡S. L. Jeffords, M. S., *Forage Crops Specialist* (*P. O., Spartanburg*).
*J. T. McAlister, B. S., *Assoc. Prof. Agron. and Farm Mach.*
*F. H. Robinson, M. S., *Asst. Prof. Agron. and Soils.*
†W. B. Rogers, B. S., *Asst. Agron.*
†J. D. Warner, M. S., *Asst. Agron.*

Animal Husbandry:
*††L. V. Starkey, M. S., *Prof. An. Husb.; An. Husb.*
†A. L. DuRant, M. S., *Asst. An. Husb.*
‡E. G. Godbey, B. S., *Livestock Specialist* (*P. O., Spartanburg*).
‡D. H. Hall, jr., M. S., *Poultry Specialist.*
‡J. R. Hawkins. B. S., *Livestock Specialist* (*P. O., Florence*).
*C. L. Morgan, B. S., *Assoc. Prof. An. Husb.*

Botany and Bacteriology:
Director Barre *in charge* (*State Path.*).
*†W. B. Aull, B. S., *Assoc. Prof. and Assoc. Bact.*
†L. M. Fenner, M. S., *Asst. State Path.*
*J. H. Hunter, M. S., *Instr. Bot.*
†C. A. Ludwig, Ph. D., *Assoc. Bot. and Plant Path.*
†W. D. Moore, Ph. D., *Plant Path.* (*P. O., Beaufort*).

Botany and Bacteriology—Continued.
*D. B. Rosenkrans, M. A., *Assoc. Prof. Bot.*
‡H. H. Tryon, A. B., M. F., *For. Specialist* (*P. O., Aiken*).

Chemistry:
*†R. N. Brackett, Ph. D., *Dir. of Dept.; Chem.* (*State Chem.*).
*W. L. Lippincott, B. Ch., *Prof. Chem.*
*†J. H. Mitchell, M. S., *Prof. Chem.; Research Chem.*
*G. M. Murphy, M. S., *Asst. Prof. Chem.*
*F. H. Pollard, Ph. D., *Assoc. Prof. Chem.*

Dairying:
*††J. P. La Master, B. S., *Prof. Dairying; Dairyman.*
*B. E. Goodale, B. S., *Assoc. Prof. Dairying.*
‡W. J. Keegan, B. S., *Dairy Husb.* (*P. O., Florence*).
†K. S. Morrow, M. S., *Asst. Dairyman.*
‡R. E. Waters, B. S., *Agt. in Dairying* (*P. O., Spartanburg*).

Economics (Agr.):
†W. C. Jensen, M. S., *Agr. Econ. Specialist.*
‡Janie Ketchin, *Marketing Specialist* (*P. O., Rock Hill*).
‡L. H. Lewis, B. S., *Agt. in Marketing* (*P. O., Florence*).
*‡W. H. Mills, A. B., D. D., *Prof. Rural Sociol., Field Agt. in Agr. Finance.*
‡C. A. Owens, B. S., *Packing and Grading Specialist* (*P. O., Aiken*).
†B. A. Russell, B. S., *Asst. in Agr. Econ.*
‡D. D. Whitcomb, *Agt. in Marketing* (*P. O., Aiken*).

[1] For subject-matter workers see the respective division i. e., agronomy, animal industry, etc.

Editorial:

†‡A. B. Bryan, B. S., B. Litt., *Agr. Editor.*

Education (Agr.):

*W. G. Crandall, B. S., *Prof. Agr. Ed.*
*T. L. Ayers, B. S., *Asst. Prof. Agr. Ed.*
*J. E. McLean, B. S., *Asst. Prof. Agr. Ed.* (*P. O., Central*).
*Verd Peterson, A. B., *Consult. Prof. Agr. Ed.* (*P. O., Columbia*).
*W. H. Washington, M. S., *Assoc. Prof. Agr. Ed.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]

Director Long *in charge and State Agt.*
‡D. W. Watkins, B. S., *Asst. Dir.*
‡Lonnie I. Landrum, B. S., *State Home Dem. Agt.* (*P. O., Rock Hill*).
‡Mrs. Harriett F. Johnson, A. B., *State Club Agt.* (*P. O., Rock Hill*).
‡B. O. Williams, B. S., *State Club Agt.*
‡Harriette B. Layton, *Asst. State Home Dem. Agt.* (*P. O., Rock Hill*).
‡I. D. Lewis, M. S., *Asst. State Club Agt.*

Horticulture:

*†‡C. C. Newman, B. S., *Prof. Hort.; Hort.*
*G. P. Hoffmann, M. S., *Assoc. Prof. Hort.*
†A. M. Musser, B. S., *Assoc. Hort.*
‡E. H. Rawl, M. S., *Asst. Hort.* (*P. O., Aiken*).
‡A. E. Schilletter, B. S., *Ext. Hort.*

Veterinary Science:

*†R. O. Feeley, D. V. S., *Prof. Vet. Sci.; Consult. Vet.*

Zoology and Entomology:

*††Franklin Sherman, M. S., *Prof. Zool. and Ent.; Ent.* (*State Ent.*).
*E. J. Anderson, M. S., *Asst. Prof. Zool. and Ent.*
†J. A. Berly, B. S., *Asst. State Ent.*
†O. L. Cartwright, M. S., *Asst. Ent.* (*P. O., Columbia*).
*†C. O. Eddy, M. S., *Assoc. Prof. and Assoc. Ent.*
†C. B. Nickels, M. S., *Research Asst. Ent.*
‡J. O. Pepper, M. S., *Ext. Ent.*
‡E. S. Prevost, *Beekeeping Specialist.*

Miscellaneous:

†G. H. Aull, B. S., *Asst. to Dir. of Sta.*
*††S. W. Evans, *Treas.*
†Burns Gillison, *Foreman of Expt. Farm.*
†C. S. Patrick, B. S., *Head of Farms Div.*
††Mrs. Helen S. Torrence, *Agr. Libr.*

Substations:

Boll Weevil Control Sta., *P. O., Florence*—
G. M. Armstrong, Ph. D., *in charge* (*Coop. U. S. D. A.*).
E. W. Dunnam, M. S., *Asst. Ent.* (*Detailed by U. S. D. A.*).
F. A. Fenton, Ph. D., *Ent.* (*Detailed by U. S. D. A.*).
E. E. Hall, M. S., *Agron.*
R. W. Moreland, M. S., *Asst. Ent.* (*Detailed by U. S. D. A.*).
Coast Expt. Sta., *P. O., Summerville*—
J. A. Riley, M. S., *Supt.*
Pee Dee Expt. Sta., *P. O., Florence*—
R. E. Currin, *Supt.*
E. D. Kyzer, B. S., *Research Asst.*

Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina, *Orangeburg*

*Agricultural faculty. ‡Extension staff

*‡R. S. Wilkinson, Ph. D., *President. In charge of Ext. Work*
*C. D. Haynes, A. B., *Actg. Dir. Agr. Dept., Prof. Agr.*

*Mae A. Black, L. I., *Instr. Nutr. and Household Furnishings.*
‡Dora E. Boston, *Supvr. Home Dem. Work.*
*W. M. Buchanan, B. S., *Prof. Hort.*
*L. L. Burwell, B. S., *Prof. Chem. and Biol.*
*Bernice A. Coleman, *Teacher-Training Home Econ.*
*Claudia V. Crawford, *Instr. Household Econ.*
*‡H. E. Daniels, B. S., *Asst. Dir. Ext. Work.*
*C. Clara Davis, A. M., *Instr. Sewing.*
*Ida P. Davis, R. N., *Instr. Rural Nursing and Sanitation.*
*Marian T. Gardiner, *Dir. Home Econ.*
*B. L. Goode, B. S., *Prof. Voc. Agr. and Gardening.*
*A. H. Gordon, A. B., *Instr. Agr. Ed.*
*B. J. Highwarden, *Instr. Handicrafts.*
*Milbia Johnakin, B. S., *Teacher-Training Agr.*
*T. J. Lyles, B. S., *Prof. Dairying.*
*Marion R. Mickey, L. I., *Instr. Dressmaking.*
*Anna L. Overstreet, L. I., *Instr. Dom. Econ.*
*F. B. Payton, *Instr. Vet. Sci.*
*‡S. M. Pinckney, B. S., *Prof. An. Indus.*
*J. I. Washington, *Instr. Farm Accounting.*
*J. C. Whittaker, *Prof. Agr. Pedag.*
*W. W. Wilkins, B. S., *Farm Mech.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

SOUTH DAKOTA

South Dakota State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Brookings*

*College faculty. †Station staff. ‡Extension staff

*C. W. Pugsley, B. S., D. Agr., *President*
*C. Larsen, M. S., *Dean of Agr.*
*†J. W. Wilson, M. S., LL. D., *Dir. of Sta.*
‡A. E. Anderson, M. S., *Dir. of Ext. Div.*
*††R. A. Larson, *Secy.*

Agronomy:
*†A. N. Hume, Ph. D., *Prof. Agron.; Agron. and Supt. of Substas. Dir. State Soil Survey.*
*†J. G. Hutton, M. S., *Assoc. Prof. and Assoc. Agron. Asst. Dir. State Soil Survey.*
*†A. L. Bushey, M. S., *Asst. Prof. and Asst. Agron.*
*†Matthew Fowlds, B. S., *Asst. Prof. and Asst. Agron.*
*C. J. Franzke, B. S., *Asst. in Agron. (Crops).*
*†E. W. Hardies, M. S., *Asst. Prof. and Asst. Agron. (Field Crops).*
‡R. E. Johnston, B. S., *Agron. Specialist.*
*G. A. Larson, B. S., *Asst. in Agron. and State Soil Survey.*
*J. A. Machlis, B. S., *Asst. in Agron. and State Soil Survey.*

Animal and Poultry Husbandry:
*J. W. Wilson, M. S., LL. D., *Prof. An. Husb.*
*†G. L. Stevenson, B. S., *Prof. Poultry Husb.; Poultry Husb.*
‡Gerald Heebink, M. S., *Asst. Livestock Specialist.*
*†F. H. Helmreich, B. S., *Instr. and Asst. An. Husb.*
*†A. H. Kuhlman, M. S., *Assoc. Prof. and Assoc. An. Husb.*
‡Clara M. Sutter, *Poultry Specialist.*
‡T. R. H. Wright, B. S., *Livestock Specialist.*

Botany and Plant Pathology:
*A. T. Evans, Ph. D., *Prof. Bot., Plant Path.*
*W. G. Houk, B. S., *Asst. in Bot.*
*L. M. Pultz, B. S., *Asst. in Bot.*

Chemistry:
*†B. A. Dunbar, A. M., *Prof. Chem.; Chem.*
*H. J. Barrett, M. S., *Asst. Prof. Chem.*
*E. R. Binnewies, M. S., *Assoc. Prof. Chem.*
*†M. E. Cooper, B. S., *Instr. and Asst. in Chem.*
*D. C. Farley, B. S., *Instr. Chem.*
*†C. F. Wells, M. S., *Asst. Prof. and Asst. Chem.*

Dairy Husbandry:
*†T. M. Olson, M. S., *Prof. Dairy Husb.; Dairy Husb.*
*†Lynn Copeland, M. S., *Asst. Prof. and Asst. Dairy Husb.*
‡H. M. Jones, B. S., *Dairy Specialist.*
*C. C. Totman, B. S., *Instr. Dairy Mfrs.*

Economics (Agr.):
*††M. R. Benedict, B. S., *Prof. Farm Econ.; Farm Econ.*
*†C. A. Bonnen, M. S., *Asst. Prof. and Asst. Farm Econ.*

Economics—Continued.
*†R. E. Post, M. S., *Asst. Prof. and Asst. Farm Econ.*
‡R. H. Rogers, M. S., *Farm Mgt. Dem.*
*V. R. Wertz, M. S., *Asst. Prof. Farm Econ.*

Editorial—*See* **Journalism.**

Education (Agr.):
*C. R. Wiseman, M. S., *Asst. Prof. in charge.*
*W. P. Beard, B. S., *Asst. in Agr. Ed.*

Engineering (Agr.):
*‡R. L. Patty, B. S., *Prof. Agr. Engin.*
*Freeman Andrews, *Instr. in Forge Shop.*
*‡J. F. Goss, M. S. A. E., *Instr. and Agr. Engin. Specialist.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Director Anderson *in charge.*
‡E. W. Hall, B. S., *County Agt. Leader.*
*‡P. J. Scarboro, A. B., *Ext. Methods for Boys and Girls and Prin. School of Agr.*
‡A. J. Dexter, B. S., *Asst. County Agt. Leader.*
‡C. L. Starr, *Asst. County Agt. Leader.*
‡G. A. Starring, A. B., *Rural Organ.*

Home Economics:
*†Edith M. Pierson, M. S., *Dean of Div.*
*Jessie Anderson, B. S., *Instr. Home Econ.*
*Ada B. Caldwell, *Prof. Indus. Arts.*
‡Mary A. Dolve, B. S., *Foods and Nutr. Specialist.*
*†Anna Halgrim, M. A., *Asst. Prof. Clothing and Textiles.*
*†Eloise B. Huskins, M. S., *Asst. Prof. Home Econ.*
‡May Keithline, *Clothing Specialist.*
*Louise L. Leaton, B. S., *Asst. Prof. Home Econ.*
*Ebba Lundgren, B. S., *Instr. Foods and Clothing.*
*Laura J. McArthur, B. S., *Assoc. Prof. Home Econ.*
*Lena Spitzer, B. S., *Asst. in Home Econ.*
‡Susan Z. Wilder, M. S., *Foods and Nutr. Specialist.*

Horticulture:
*†N. E. Hansen, Sc. D., *Prof. Hort. and For.; Hort. and Vice Dir. of Sta.*
‡A. L. Ford, M. S., *Hort. and Ent. Specialist.*
*P. L. Keene, M. S., *Asst. Prof. Hort.*

Journalism:
*††C. D. Byrne, M. S., *Prof. Rural Journalism; Agr. Editor.*
‡L. E. Childers, B. S., *Asst. Agr. Editor.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

Physics:
*H. B. Mathews, M. S., *Prof. Phys.*
*R. W. Kenworthy, M. S., *Instr. Phys.*

Sociology (Rural):
*†‡W. F. Kumlien, M. S., *Prof. Rural Sociol.*

Veterinary Science:
*†C. C. Lipp, D. V. M., *Prof. Vet. Med.; Consult. Vet. and Dir. An. Health Lab.*
*†J. B. Taylor, V. M. D., *Vet. and Asst. Diagnostician.*
*J. W. Van Vliet, D. V. M., *Instr. Vet. Sci. and Bact.*
‡G. S. Weaver, V. S., *An. Disease Specialist.*

Zoology and Entomology:
*†H. C. Severin, M. A., *Prof. Zool. and Ent.; Ent.*
‡R. D. Bulger, B. S., *State Leader Barberry Erad. (Detailed by U. S. D. A.).*
*M. D. Farrar, B. S., *Instr. Zool. and Ent.*
*†George Gilbertson, M. S., *Asst. Prof. and Asst. Ent.*
*E. C. O'Roke, M. A., *Asst. Prof. Zool.*

Substations:
Cottonwood—Wesley Feurestenau, *Foreman.*
Eureka—Walter Schonbrod, *Foreman.*
Highmore—S. W. Sussex, *Foreman.*
Vivian—Frank Hussey, *Foreman.*

TENNESSEE

College of Agriculture and the Agricultural Experiment Station of the University of Tennessee, *Knoxville*

*College faculty. †Station staff. ‡Extension staff

*H. A. Morgan, B. S., LL. D., *President of University*
*C. A. Willson, M. S., M. Agr., *Dean Coll. of Agr. Prof. An. Husb.*
†C. A. Mooers, B. S., *Dir. of Sta.*
‡C. A. Keffer, M. H., *Dir. Div. of Agr. Ext.*

Agronomy:
Director Mooers *in charge.*
†L. W. Blair, *Asst. in Coop. Expts. (P. O., Allardt).*
*O. W. Dynes, M. S., *Assoc. Prof. Agron.*
†J. G. Faulkner, *Asst. in Plat Work.*
*R. B. Lowry, M. S., *Assoc. Prof. Agron.*
‡J. C. McAmis, B. S., *Agron. Specialist.*
†L. S. Mayer, B. S., *Asst. Agron. in charge Corn Invest. (Detailed by U. S. D. A.).*
‡R. H. Milton, B. S., *Asst. Agron. in charge Tobacco Work (P. O., Nashville).*
†H. P. Ogden, B. S., *Asst. in Coop. Expts. (P. O., Murfreesboro).*

Animal Husbandry:
*†Moses Jacob, V. M. D., *Prof. An. Husb.; An. Husb.*
‡A. S. Chapin, B. S., *Poultry Husb. Specialist.*
*H. R. Duncan, B. S., *Asst. Prof. An. Husb.*
‡C. C. Flanery, M. S., *Asst. in An. Husb. (P. O., Nashville).*
‡J. H. McLeod, M. S., *Asst. in An. Husb.*
*B. J. McSpadden, B. S., *Instr. Poultry Husb.*
‡L. A. Richardson, B. S., *An. Husb. Specialist.*
‡Berley Winton, B. S., *Asst. Poultry Husb. Specialist (P. O., Nashville).*

Bacteriology:
*P. W. Allen, Ph. D., *Prof. Bact.*
*B. W. Hess, A. B., *Instr. Bact.*

Botany:
*L. R. Hesler, Ph. D., *Prof. Bot.*
†S. H. Essary, M. S., *Bot.*
†C. D. Sherbakoff, Ph. D., *Plant Path.*
†J. O. Andes, M. A., *Asst. Plant Path.*
†E. S. Brown, *Asst. Plant Path.*
†Mrs. Helen M. Hutchens, A. B., *Asst. Plant Path.*
*H. M. Jennison, Ph. D., *Prof. Bot.*

Chemistry:
†W. H. MacIntire, Ph. D., *Soil Chem.*
†Esther M. Crawford, B. S., *Asst. Biochem.*

Chemistry—Continued.
*C. O. Hill, Ph. C., M. S., *Prof. Org. and Agr. Chem.*
†Margaret B. MacDonald, Ph. D., *Biochem.*
*J. H. Robertson, Ph. D., *Prof. Chem.*
†K. B. Sanders, B. S., *Asst. Soil Chem.*
†W. M. Shaw, M. S., *Assoc. Soil Chem.*
†J. B. Young, B. A., *Asst. Soil Chem.*

Dairy Husbandry:
*C. E. Wylie, M. A., *Prof. Dairying.*
‡L. S. Edwards, B. S., *Dairy Mfg. Specialist (Detailed by U. S D. A.: P. O., Lebanon).*
*T. B. Harrison, B. S., *Asst. Prof. Dairying.*
‡C. A. Hutton, B. S., *Dairy Husb. Specialist.*
‡G. N. Tobey, *Cheese Specialist.*

Economics (Agr.):
*†C. E. Allred, M. S., *Prof. Agr. Econ.; Agr. Econ.*
‡A. L. Jerdan, B. S., *Marketing Specialist.*
‡Elizabeth Moreland, B. A., *Community Service Specialist.*

Editorial:
‡A. J. Sims, *Ext. Editor.*

Education (Agr.):
*N. E. Fitzgerald, B. Pd., B. S., *Prof. Agr. Ed.*
*E. D. Stivers, B. S., *Prof. Agr. Ed. in charge Itinerant Work.*
*A. L. Rubin, B. S., D. V. M., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*F. D. Jones, B. S., *Instr. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Director Keffer *in charge.*
‡C. E. Brehm, B. S., *Asst. Dir.*
‡G. L. Herrington, B. S., *State Club Agt.*
‡Margaret A. Ambrose, *Asst. Dir. Home Dem. Work.*

Geology:
*C. H. Gordon, Ph. D., *Prof. Geol. and Mineralogy.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Home Economics:

*Nellie Crooks, B. S., *Dir. of Dept.*
*Lillian Allen, B. S., *Instr. Home Econ.*
*Helen Andrews, B. S., *Asst. Prof. Home Econ.*
*Esther Bracken, M. S., *Asst. Prof. Home Econ.*
*Mayme R. Buckley, M. A., *Instr. Home Econ.*
*Amanda Ebersole, B. S., *Asst. Prof. Home Econ.*
‡Maude L. Guthrie, M. A., *Foods and Nutr. Specialist.*
‡Lillian L. Keller, B. S., *Clothing and Household Mgt. Specialist.*
*Hazel Parks, M. A., *Asst. Prof. Home Econ.*
‡Mrs. Lena A. Warner, R. N., *Health and Sanitation Specialist.*

Horticulture:

†J. A. McClintock, M. S., *Hort. and Assoc. Plant Path.*
*H. F. Helfenbein, B. S., *Instr. Hort.*
*N. D. Peacock, M. S., *Assoc. Prof. Hort.*
‡W. C. Pelton, M. S., *Hort. Specialist.*
†Otha Ogle, *Foreman of Fruit Farm.*
‡G. B. Shivery, *For. Specialist.*

Veterinary Science:

*†Prof. M. Jacob *in charge.*

Zoology and Entomology:

*E. B. Powers, Ph. D., *Prof. Zool.*
*G. M. Bentley, M. A., *Assoc. Prof. Ent.* (*State Ent. and Plant Path.*).
†Simon Marcovitch, M. S., *Ent.*
*B. C. V. Ressler, M. S., *Asst. Prof. Zool.*

Miscellaneous:

*†F. H. Broome, *Secy., Photog.*
*W. A. Campbell, *Farm Supt.*
‡Florence D. McTeer, *Ext. Secy.*

Substations:

Middle Tenn. Expt. Sta., *P. O., Columbia*—L. R. Neel, B. S., *Supt.*
Plateau Expt. Sta., *P O., Crossville*—R. E. Martin, *Supt.*
Tobacco Expt. Sta., *P. O., Clarkville*—H. W. Jones, *Supt.*
West Tenn. Expt. Sta., *P. O., Jackson*—S. A. Robert, B. S., *Supt.*

Tennessee Agricultural and Industrial State Normal School, *Nashville*

*Agricultural faculty

*W. J. Hale, A. M., *President*

*Mrs. Martha M. Brown, *Actg. Dir. Home Econ.*
*D. H. Coleman, *Truck Gard. and Applied Agr.*
*I. L. Dumas, *Voc. Agr.*
*Mrs. Janie Elliott, *Applied Dom. Sci.*
*D. A. Forbes, A. B., *Sci.*
*Mrs. D. A. Forbes, *Laundering.*
*Mrs. Sadie Gilbert, *Nurse Training.*
*Mrs. H. E. Hale, *Asst. in Teacher Training.*
*Corinne Hall, *Dressmaking and Designing.*
*C. H. Harper, M. A., *Teacher Training in Agr.*
*Ruth Herrod, *Dom. Art.*
*Mrs. W. H. Hodgkins, *Poultry Raising.*
*Mary B. Jackson, B. S., *Dom. Sci.*
*Frances E. Thompson, *Manual Art.*
*Mrs. Mary L. Wilson, *Household Mgt.*

TEXAS

Agricultural and Mechanical College of Texas and the Agricultural Experiment Station, *College Station*

*College faculty. †Station staff. ‡Extension staff

*T. O. Walton, *President*
†B. Youngblood, Ph. D., *Dir. of Sta.*
‡C. H. Alvord, M. S., *Dir. of Ext. Service*
*Charles Puryear, M. A., C. E., LL. D., *Dean of Coll. and Grad. School*
*E. J. Kyle, M. S., *Dean School of Agr.*

Agronomy:

†E. B. Reynolds, M. S., *Chief of Div.*
†A. B. Conner, M. S., *Vice Dir. of Sta.* (*Grain Sorghum Research*).
†R. E. Karper, B. S., *Asst. Dir. of Sta.* (*Small Grain Research*).
*J. O. Morgan, Ph. D., *Head Prof. Agron.*
†D. T. Killough, M. S., *Agron.* (*Cotton Brdg.*).
†G. T. McNess, *Supt. Main Sta. Farm.*
‡E. A. Miller, B. S., *Agron.*
*J. S. Mogford, M. S., *Assoc. Prof. Agron.*
*E. O. Pollock, A. M., *Assoc. Prof. Agron.*
*J. H. Stallings, Ph. D., *Prof. Agron.*
†R. H. Stansel, B. S., *Asst. in Crops.*
*M. B. Sturgis, B. S., *Instr. Agron.*

Animal Industry:

†J. M. Jones, A. M., *Chief Div. of Range An. Husb.* (*Sheep and Goat Research*).

Animal Industry—Continued.

*D. W. Williams, M. S., *Head Prof. An. Husb.*
*G. P. Grout, M. S., *Head Prof. Dairy Husb.*
†R. M. Sherwood, M. S., *Chief Div. Poultry Husb.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
†Fred Hale, M. S., *Chief Div. of Swine Husb.*
‡G. W. Barnes, B. S., *Beef Cattle Specialist.*
*D. S. Buchanan, B. S., *Asst. Prof. An. Husb.*
*J. A. Clutter, jr., M. S., *Prof. Dairy Husb.*
*A. L. Darnell, M. A., *Prof. Dairy Husb.*
‡V. R. Glazener, B. S., *Poultry Specialist.*
*A. H. Groth, M. S., *Asst. Prof. An. Husb.* (*Horses*).
*D. F. Irving, B. S., *Asst. Prof. Poultry Husb.*
†J. L. Lush, Ph. D., *An. Breeder.*
*A. K. Mackey, M. S., *Assoc. Prof. An. Husb.*
*E. M. Regenbrecht, M. S., *Assoc. Prof. An. Husb.*

Animal Industry—Continued.
‡J. L. Thomas, *Dairy Specialist.*
‡A. L. Ward, B. S., *Swine Husb.*
*R. H. Williams, Ph. D., *Prof. An. Husb.*

Biology:
*O. M. Ball, Ph. D., *Head Prof.*
*J. E. Adams, M. S., *Instr. Biol.*
*E. H. Gibbons, B. S., *Asst. Prof. Biol.*
*E. H. Harper, Ph. D., *Assoc. Prof. Biol.*
*P. A. Miller, M. S., *Asst. Prof. Biol.*
*L. J. Pessin, Ph. D., *Asst. Prof. Biol.*
*D. J. Pratt, A. M., *Assoc. Prof. Biol.*

Botany:
†Helge Ness, M.S., *Chief of Div.* (*Berry Breeder*).

Chemistry and Chemical Engineering:
†G. S. Fraps, Ph. D., *Chief Div. of Chem.* (*State Chem.*).
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. Chem.*
*George Bauer, B. S., *Instr. Chem.*
*F. F. Bishop, B. S., *Instr. Chem.*
†J. K. Blum, B. S., *Asst. Chem.*
*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
†R. O. Brooke, M. S., *Asst. Chem.*
†E. C. Carlyle, B. S., *Asst. Chem.*
†Velma Graham, *Asst. Chem.*
*M. T. Harrington, B. S., *Instr. Chem.*
*F. W. Jensen, Ph. D., *Assoc. Prof. Chem.*
*B. C. Jones, A. B., *Instr. Chem.*
*L. A. Koenig, B. A., *Asst. Prof. Chem.*
†A. E. Proctor, B. S., *Asst. Chem.*
*R. E. Snuggs, M. S., *Instr. Chem.*
†J. E. Teague, B. S., *Asst. Chem.*
*H. C. Tidwell, M. A., *Instr. Chem.*
*C. R. Voges, B. S., *Instr. Chem.*
†N. J. Volk, M. S., *Asst. Chem.* (*P. O., Bryan*).
†W. H. Walker, *Asst. Chem.*

Economics:
†L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.*
*F. A. Buechel, Ph. D., *Head Prof. Agr. Econ., Head of Course in Agr. Admin.*
†V. L. Cory, M. S., *Grazing Research Bot., Farm and Ranch Econ.* (*P. O., Sonora*).
†G. L. Crawford, *Research Marketing Specialist.*
†T. L. Gaston, jr., *Asst. in Farm Records and Accts.* (*Coop. U. S. D. A.*).
*F. J. Hosking, B. S., *Instr. Agr. Econ.* (*P. O., Bryan*).
*E. H. Johnson, Ph. M., *Instr. Agr. Econ.*
‡R. R. Lancaster, *Rural Organizer.*
*V. P. Lee, Ph. D., *Prof. Agr. Econ.*
*T. W. Leland, M. A., *Prof. Agr. Econ.*
†Mrs. Gladys D. Lindsey, M. S., *Asst. in Farm and Ranch Econ.* (*Coop. U. S. D. A.*).
*J. L. Mizzell, B. S., *Instr. Agr. Econ.*
*C. M. Purves, M. A., *Asst. Prof. Agr. Econ.*
†J. N. Tate, B. S., *Asst. in Ranch Records and Accts.* (*Coop. U. S. D. A.*).
*A. J. Weaver, M. A., *Instr. Agr. Econ.*
*O. A. Weinke, B. S., *Instr. Agr. Econ.*
*R. C. White, M. A., *Prof. Rural Sociol.*
†B. Youngblood, Ph. D., *Farm and Ranch Econ.*
*W. H. Youngman, M. S., *Assoc. Prof. Agr. Econ.*

Editorial—*See* **Publications.**

Education (Agr.):
*C. H. Winkler, Ph. D., *Dean School of Voc. Teaching, Head Prof. Agr. Ed.*
*W. L. Hughes, M. S., *Head Prof. Rural Ed.*
*J. P. Buck, M. S., *Prof. Agr. Ed.*
*D. C. McIntosh, Ph. D., *Prof. Agr. Ed.*

Engineering (Agr.):
*Daniels Scoates, A. E., *Head. Prof.*
‡M. R. Bentley, B. S., *Agr. Engin.*
*F. R. DeForest, B. S., *Instr. Agr. Engin.*
*F. R. Jones, B. S., *Asst. Prof. Agr. Engin.*
*E. R. Raney, M. S., *Assoc. Prof. Agr. Engin.*
*H. P. Smith, B. S., *Assoc. Prof. Agr. Engin.*

Entomology:
†F. L. Thomas, Ph. D., *Chief of Div.* (*State Ent.*).
*S. W. Bilsing, Ph. D., *Head Prof. Ent.*
†A. H. Alex, B. S., *Queen Breeder, State Apicultural Research Lab., P. O., San Antonio.*
*R. K. Fletcher, M. A., *Assoc. Prof. Ent.*
†C. E. Heard, B. S., *Foulbrood Insp.* (*P. O., Hebbronville*).
*V. A. Little, M. S., *Asst. Prof. Ent.*
†S. E. McGregor, jr., *State Apiary Insp.*
†H. B. Parks, B. S., *Apiculturist in charge State Apicultural Research Lab., P. O., San Antonio.*
†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, *Ent.*

Extension (Admin.):[1]
Director Alvord *in charge.*
‡H. H. Williamson, B. S., *State Agt.*
‡Mildred F. Horton, *State Home Dem. Agt.*
‡S. C. Evans, B. S., *Boys' Club Agt.*
‡Bess Edwards, *Asst. State Home Dem. Agt.*
‡R. W. Persons, *Asst. State Agt.*

Feed Control Service:
†F. D. Fuller, M. S., *Chief.*
†W. C. Gainey, B. S., *Insp.*
†W. L. Hohn, B. S., *Insp.*
†K. L. Kirkland, B. S., *Insp.*
†W. D. Northcutt, jr., *Feed Insp.*
†S. D. Pearce, *Secy.*
†J. H. Rogers, *Insp.*
†W. H. Wood, *Insp.*

Forestry:
*E. O. Siecke, B. S., *Head Prof.* (*State For.*).

Genetics:
*E. P. Humbert, Ph. D., *Head Prof.*
*W. R. Horlacher, M. S., *Assoc. Prof. Genetics.*

Geology:
*J. H. Hance, Ph. D., *Head Prof.*
*F. A. Burt, B. S., *Assoc. Prof. Geol.*
*E. B. Hall, M. S., *Asst. Prof. Geol.*
*H. B. Stenzel, Ph. D., *Instr. Geol.*

Home Economics:
‡Mrs. Dora R. Barnes, *Clothing Specialist.*
‡Mrs. Maggie W. Barry, *Special Agt.*
‡Lola A. Blair, *Home Econ. Specialist.*
‡Mrs. Bernice Claytor, *Home Econ. Specialist.*

Horticulture:
†W. B. Lanham, M. S., *Chief of Div.*
*E. J. Kyle, M. S., *Head Prof. Hort.*
*G. W. Adriance, M. S., *Assoc. Prof. Hort.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Horticulture—Continued.
*F. W. Hensel, M. S., *Prof. Hort.*
*F. S. Jamison, M. S., *Instr. Hort.*
*F. M. Lyle, M. S., *Assoc. Prof. Hort.*
‡A. P. Swallow, *Hort.*

Plant Pathology and Physiology:
†J. J. Taubenhaus, Ph. D., *Chief of Div.*

Publications:
†A. D. Jackson, *Chief of Div.*
‡S. C. Hoyle, A. B., *Editor Ext. Pubs.*

Soil Survey:
†W. T. Carter, *Chief of Div.* (*Coop. U. S. D. A.*).
†H. W. Hawker, *Soil Surveyor.*
†E. H. Templin, B. S., *Soil Surveyor.*
†T. C. Reitch, B. S., *Soil Surveyor* (*P. O., Cameron*).

Veterinary Medicine:
*†Mark Francis, D. V. M., *Dean School of Vet. Med.; Chief Div. of Vet. Sci.*
†H. Schmidt, D. V. M., *Actg. for Chief Div. of Vet. Sci.*
†V. J. Brauner, D. V. M., *Vet.*

Miscellaneous:
†M. P. Holleman, jr., *Asst. Chief Clerk.*
†C. B. Neblette, *Tech. Asst.*
†J. M. Schaedel, *Executive Asst.*
†A. S. Ware, *Secy.*

Substations:
Angleton (No. 3)—V. E. Hafner, B. S., *Supt.*
Balmorhea (No. 9)—J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—R. H. Wyche, B. S., *Supt.*
Beeville (No. 1)—R. A. Hall, B. S., *Supt.*
Chillicothe (No. 12)—J. R. Quinby, B. S., *Supt.*
College Station (No. 10)—L. J. McCall, *Supt.*
Denton (No. 6)—P. B. Dunkle, B. S., *Supt.*
Iowa Park (No. 16)—E. J. Wilson, B. S., *Supt.*
Lubbock (No. 8)—
D. L. Jones, *Supt.*
Frank Gaines, *Irrig. For. Nurseryman.*
Nacogdoches (No. 11)—H. F. Morris, M. S., *Supt.*
Sonora (No. 14)—
E. M. Peters, B. S., *Supt.*
O. J. Babcock, B. S., *Coll. Ent.* (*Coop. U. S. D. A.*).
D. H. Bennett, D. V. M., *Vet.*
O. L. Carpenter, B. S., *Shepherd.*
V. L. Cory, M. S., *Grazing Research Bot.*
Spur (No. 7)—R. E. Dickson, B. S., *Supt.*
Temple (No. 5)—H. E. Rea, B. S., *Supt.*
Troup (No. 2)—W. S. Hotchkiss, *Supt.*
Weslaco (No. 15)—
W. H. Friend, B. S., *Supt.*
Edward Hobbs, B. S., *Ent.*

Prairie View State Normal and Industrial College, *Prairie View*

*Agricultural faculty. ‡Extension work

*P. E. Bledsoe, B. S., Ph. B., *Actg. Principal*
*R. B. Atwood, B. S., *Dir. of Agr.*

*J. M. Alexander, B. S., *Prof. Voc. Agr.*
*Mae B. Arrington, *Assoc. Prof. Dom. Sci.*
*Diana S. Dent, *Assoc. Prof. Dom. Art.*
*H. G. Dickerson, B. S., *Prof. Voc. Agr.*
*Mrs. Nellie B. Dillon, *Teacher Training in Voc. Home Econ.*
*E. B. Evans, D. V. M., *Prof. Vet. Sci.*
*Henrietta Farrell, *Laundry Asst.*
‡Mrs. M. E. V. Hunter, *Home Econ. Ext.*
*Mrs. Amanda E. Johnson, *Instr. Millinery.*
*J. L. Lockett, B. S., *Prof. Farm Crops and Soils.*
*Elsena F. Martin, *Instr. Dom. Art.*
*Elizabeth C. May, B. S., *Supvr. Home Econ.*
*Miss B. B. Middleton. B. S., *Instr. Dom. Sci.*
*L. A. Potts, B. S., *Assoc. Prof. Voc. Agr.*
‡C. H. Waller, B. S., *State Leader in Ext. Work.*
*Gertrude Williams, *Libr.*
*Weldon Williams, *Instr. and Laundry Foreman*

UTAH

Agricultural College of Utah and the Agricultural Experiment Station, *Logan*

*Co lege faculty. †Station staff. ‡Extension staff

*E G. Peterson, Ph. D., *President*
*‡‡William Peterson, B. S., *Dir. of Expt. Sta. and Ext. Div.*
*†B. L. Richards, Ph. D., *Actg. Dean School of Agr.*

Agronomy:
*†George Stewart, M. S., *Prof. Agron.; Agron.*
†D. S. Jennings, Ph. D., *Soils.*
‡J. C. Hogenson, M. S., *Ext. Agron.*
*†D. W. Pittman, M. S., *Assoc. Prof. and Assoc. Agron.*
†M. D. Thomas, M. A., *Assoc. Agron.*
*†D. C. Tingey, M. A., *Instr. and Asst. Agron.*

Animal and Poultry Husbandry:
*‡‡K. C. Ikeler, M. S., *Head Dept. of An. Husb., Livestock Specialist.*
*‡‡Byron Alder, B. S., *Assoc. Prof. Poultry Husb.; Poultryman.*

Animal and Poultry Husbandry—Continued.
*†R. J. Becraft, M. S., *Asst. Prof. in charge Range Mgt.*
*‡‡A. C. Esplin, B. S., *Asst. Prof. and Asst. An. Husb. Wool and Sheep Specialist.*
*‡W. H. Warner, *Asst. in Poultry Husb.*

Bacteriology and Physiological Chemistry:
*†J. E. Greaves, Ph. D., *Prof. Bact. and Physiol. Chem.; Bact. and Chem.*
*†E. G. Carter, M. S., Dr. P. H., *Asst. Prof. Bact. and Physiol.; Assoc. Bact.*

Botany and Plant Pathology:
*†B. L. Richards, Ph. D., *Prof. Bot. and Plant Path.; Bot. and Plant Path.*
*H. L. Blood, *Asst. in Bot. and Plant Path.*
*†L. F. Nuffer, M. A., *Asst. Prof. and Asst. Bot.*

Chemistry:
*†R. L. Hill, Ph. D., *Prof. Chem.; Head Dept. of Human Nutr.*
*†C. T. Hirst, M. S., *Assoc. Prof. and Assoc. Chem.*
*Sherwin Maeser, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry:
*†G. B. Caine, A. M., *Prof. Dairy Husb.; Dairy Husb.*
†G. Q. Bateman, B. S., *Supt. Dairy Farm.*
*W. C. Cole, B. S., *Instr. Dairy Mfrs. and in charge Coll. Creamery.*

Economics (Agr.):
†P. V. Cardon, B. S., *in charge Research Work in Farm Econ.*
*J. O. Ellsworth, M. S., *Assoc. Prof. Agr. Econ.*
*M. H. Harris, A. M., *Prof. Econ.*
*D. E. Robinson, B. S., *Prof. Marketing, in charge Information Service.*
*†W. L. Wanlass, Ph. D., *Prof. Business Admin.; Marketing.*

Engineering (Agr.):
*R. B. West, B. S., C. E., *Dean School of Agr. Engin., Prof. Agr. Engin.*
*†O. W. Israelsen, Ph. D., *Prof. and in charge Irrig. and Drainage Engin.*
*†G. D. Clyde, M. S., *Asst. Prof. and Asst. in Irrig. and Drainage Engin.*
*E. B. Feldman, B. C. E., *Assoc. Prof. Agr. Engin.*
†L. M. Winsor, B. S., *Assoc. in Irrig. and Drainage Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Director Peterson *in charge.*
‡W. W. Owens, B. S., *Asst. Dir. and County Agt. Leader.*
‡Mrs. Rena B. Maycock, *State Home Dem. Leader.*
‡D. P Murray, B. S., *State Boys' and Girls' Club Specialist.*
*‡J. H. Linford, D. Did., *Supt. Corresp. Study Dept.*

Geology:
Director Peterson *in charge.*
*Reed Bailey, B. S., *Instr. Geol.*

Home Economics:
*Carrie C. Dozier, Ph. D., *Dean School of Home Econ., Prof. Foods and Dietetics.*
‡Effie S. Barrows, *Home Mgt. Specialist.*
†Mrs. Almeda P. Brown, M. A., *Research in Home Econ.*
*Christine B. Clayton, B. S., *Asst. Prof. Foods and Dietetics.*
*Charlotte E. Dancy, *Asst. Prof. Nursing.*
*Alice Kewley, B. S., *Prof. Household Admin., in charge Home Econ. Ed.*
*Helen Knott, B. S., *Instr. Textiles and Clothing.*
*Johanna Moen, B. S., *Prof. Textiles and Clothing.*
‡Mrs. Sadie O. Morris, M. A., *Food Specialist.*
‡Afton Odell, B. S., *Clothing Specialist.*
*Florence Walker, B. S., *Asst. Prof. Textiles.*

Horticulture:
*†T. H. Abell, M. S., *Asst. Prof. in charge.*
*‡Emil Hansen, *Instr. and Landsc. Gard. Specialist.*

Physics:
*F. L. West, Ph. D., *Prof. Phys.*
*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist.*
*N. E. Edlefsen, M. A., *Asst. Prof. Phys.*

Veterinary Science:
*††H. J. Frederick, D. V. M., *Prof. Vet. Sci.; Vet.*

Zoology and Entomology:
*††I. M. Hawley, Ph. D., *Prof. Zool., Ent.; Ent.*
*†H. J. Pack, Ph. D., *Assoc. Prof. Zool., Ent.; Assoc. Ent.*
†C. J. Sorenson, B. S., *Asst. Ent.*

Miscellaneous:
†Peter Nelson, M. A., *Farm Supt.*
*Blanche C. Pittman, A. B., *Libr.*
*Hattie Smith, *Asst. Libr.*

Substations:
Alfalfa-Seed Expt. Farm, *P. O., Fort Duchesne*—J. W. Carlson, B. S., *Supt.*
Davis County Farm, *P. O., Farmington*—A. L. Wilson, M. A., *Supt.*
Nephi Substa., *P. O., Nephi*—A. F. Bracken, M. A., *Supt.*
Panguitch Farm, *P. O., Panguitch*—J. R. Bateman, B. S., *Supt.*

[1]For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

VERMONT

College of Agriculture and the Agricultural Experiment Station of the University of Vermont and State Agricultural College, *Burlington*

*College faculty. †Station staff. ‡Extension staff

*G. W. Bailey, B. A., LL. D., *President*
*†J. L. Hills, Sc. D., *Dean Coll. of Agr., Dir. of Sta.*
‡Thomas Bradlee, B. S., *Dir. Agr. Ext. Service*

Agronomy:
Dean Hills *in charge.*
*‡Ernest Van Alstine, Ph. D., *Assoc. Prof. Agron., Agron. Specialist.*

Animal Industry:
*†H. B. Ellenberger, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
*‡H. A. D. Leggett, B. S., *Asst. Prof. Poultry Husb., Poultry Specialist.*
‡E. H. Loveland, B. S., *Dairy Specialist.*
*†J. A. Newlander, M. S., *Instr. and Assoc. Dairy Husb.*
†A. H. Robertson, M. S., *Research Dairy Bact.*
*W. B. Silcox, M. S., *Instr. Dairy Husb.*

Botany and Plant Pathology:
*†G. P. Burns, Ph. D., *Prof. Bot.; Bot.*
*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
*†A. H. Gilbert, M. S., *Asst. Prof. Bot.; Assoc. Plant Path.*
*†Roland Bamford, B. S., *Instr. and Asst. Bot.*
*†E. J. Dole, Ph. D., *Asst. Prof. and Asst. Bot.*
*†Alexander Gershoy, B. S., *Instr. and Asst. Bot.*
†Anna S. Lutman, B. S., *Seed Analyst.*

Chemistry:
*A. B. Willmarth, M. S., *Asst. Prof. in charge Agr. Chem.*
†C. H. Jones, M. S., *Chem.*
†G. F. Anderson, *Asst. Chem.*
†E. F. Boyce, B. S., *Asst. Chem.*

Economics (Agr.):
‡H. P. Young, B. S., *Farm Mgt. Dem.*
*†P. K. Hooker, B. S., *Instr. and Asst. in Farm Mgt.*

Editorial:
*W. H. Crockett, *Editor.*

Education Agr.):
*F. B. Jenks, B. S., *Prof. Agr. Ed., Asst. Dean Coll. of Agr.*

Engineering (Agr.):
*F. C. Fiske, B. S., *Instr. Farm Mech.*

Extension (Admin.):[1]
Director Bradlee *in charge, and County Agt. Leader.*
‡Marjorie E. Luce, B. S., *State Home Dem. Leader and Asst. State Club Leader.*
‡E. L. Ingalls, A. B., *State Club Leader.*
‡J. E. Carrigan, B. S., *Asst. County Agt. Leader.*
‡Mabel R. Goodwin, B. S., *Actg. Asst. State Club Leader.*

Forestry:
‡F. M. Callward, B. S., *State Ext. For.*

Home Economics:
*Bertha M. Terrill, A. M., *Prof. Home Econ.*
*Florence E. Bailey, B. S., *Asst. Prof. Home Econ.*
*Alice E. Blundell, B. S., *Asst. Prof. Home Econ.*
*Grace Burwash, A. M., *Instr. Home Econ.*
*Alida B. Fairbanks, A. M., *Instr. Home Econ.*
‡Emma A. Fuller, B. S., *Home Econ. Specialist.*
*Jessie A. Winchell, A. M., *Asst. Prof. Home Econ.*

Horticulture:
*†‡M. B. Cummings, Ph. D., *Prof. Hort.; Hort.*
†E. W. Jenkins, M. S., *Asst. Hort.*

Veterinary Science:
*F. A. Rich, V. S., M. D., *Prof. Vet. Sci.*

Zoology:
*H. F. Perkins, Ph. D., *Prof. Zool.*
*Ruth J. Ball, M. S., *Asst. Prof. Zool.*
*Rhoda A. Hartwell, M. S., *Instr. Zool.*

VIRGINIA

Virginia Agricultural and Mechanical College and Polytechnic Institute and the Agricultural Experiment Station, *Blacksburg*

*College faculty. †Station staff. ‡Extension staff

*J. A. Burruss, A. M., Ph. D., *President*
*†H. L. Price, M. S., *Dean School of Agr.*
†A. W. Drinkard, Jr., Ph. D., *Dir. of Sta.*
‡J. R. Hutcheson, M. S., *Dir. of Agr. Ext. Div.*

Agronomy:
*†T. B. Hutcheson, M. S., *Prof. Agron.; Agron. and Supvr. of Substas. and Dir. Coll. Farm.*
*†T. K. Wolfe, Ph. D., *Prof. Agron.; Agron.*
‡S. R. Bailey, B. S., *Asst. Agron.*
†M. S. Kipps, B. S., *Asst. Agron.*
‡G. W. Patterson, jr., B. S., *Agron. Specialist.*
*H. B. Redd, B. S., *Instr. Agron.*

Animal Industry:
†‡W. D. Saunders, *Milk Invest., Cheese Specialist.*
*R. E. Hunt, M. S., *Prof. An. Husb.*
*†C. W. Holdaway, M. S., *Prof. Dairy Husb.; Dairy Husb., Supt. of Creamery, Dairy, and Advanced Registry.*
*E. J. Albert, *Instr. Poultry Husb.*
*G. L. Booker, B. S., *Instr. Poultry Husb.*

[1] For subject-matter workers see the respective division, i e., agronomy, animal industry, etc.

Animal Industry—Continued.

*‡F. A. Buchanan, B. S., *Assoc. Prof. and Ext. Dairy Husb.*
‡G. L. Carey, *Asst. Dairy Husb.*
‡L. I. Case, B. S., *An. Husb.*
‡C. T. Cornman, *Asst. Prof. Poultry Husb.*
*‡A. L. Dean, *Assoc. Prof. Poultry Husb.*
‡G. C. Herring, B. S., *Asst. An. Husb.*
‡Bessie M. Hodsden, *Asst. Poultry Specialist.*
‡H. G. Iddings, B. S., *Dairy Mfrs. Specialist.*
‡E. W. Lawson, B. S., *Sheep Specialist.*
†C. R. Nobles, B. S., *Asst. An. Husb.*
*T. E. Starnes, *Instr. Poultry Husb.*
‡Rachel F. Treakle, *Asst. in Poultry Husb.*

Botany and Plant Pathology:

*†F. D. Fromme, Ph. D., *Prof. Bact. and Plant Path.; Plant Path.*
‡James Godkin, M. S., *Ext. Plant Path.*
†R. H. Hurt, B. S., *Asst. Plant Path. in charge Field Lab., P. O., Crozet.*
*A. B. Massey, B. S., *Assoc. Prof. Bact. and Plant Path.*
†F. J. Schneiderhan, M. S., *Asst. Plant Path.*
*H. S. Stahl, M. S., *Assoc. Prof. Biol.*
†S. A. Wingard, Ph. D., *Assoc. Plant Path.*

Chemistry:

*†W. B. Ellett, Ph. D., *Prof. Agr. Chem.; Chem.*
†J. F. Eheart, M. S., *Asst. Chem.*
†H. H. Hill, M. S., *Assoc. Chem.*
*J. B. Lucas, M. S., *Assoc. Prof. Chem.*

Economics (Agr.):

*‡C. C. Taylor,[1] M. S., *Assoc. Prof. Agr. Econ., Specialist in Econ. and Marketing.*
*‡C. L. Pickard, M. S., *Actg. Assoc. Prof. Agr. Econ., Specialist in Econ. and Marketing.*
*†W. E. Garnett, Ph. D., *Prof. Rural Sociol.; Rural Sociol.*
†E. L. Langsford, B. S., *Asst. Agr. Econ.*
†J. J. Vernon, M. S., *Agr. Econ.*

Editorial:

*‡E. R. Price, *Instr. Agr. Journalism, Editor.*

Education (Agr.):

*E. C. Magill, M. S., *Prof. Agr. Ed.*
*W. B. Coggin, A. M., *Prof. Ed.*
*H. C. Groseclose, B. S., *Assoc. Prof. Agr. Ed., Itinerant Teacher Training.*
*H. W. Sanders, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

*‡C. E. Seitz, *Prof. Agr. Engin.*
‡J. B. Cole, B. S., *Asst. Agr. Engin.*
*D. C. Heitshu, B. S., *Asst. Prof. Agr. Engin.*
*†W. G. Nunn, B. S., *Asst. Agr. Engin.*
‡J. A. Waller, jr., M. S., *Asst. Agr. Engin.*

Entomology:

*†W. J. Schoene, M. S., *Prof. Econ. Ent.; Ent. (State Ent.).*
†L. R. Cagle, B. S., *Asst. Ent.*[2]

Entomology—Continued.

†W. S. Hough, Ph. D., *Assoc. Ent.*[2]
†G. W. Underhill, M. S., *Asst. Ent.*[2]
†C. R. Willey, B. S., *Asst. Ent.*[2]

Extension (Admin.):[3]

Director Hutcheson *in charge.*
‡W. P. Moore, *Asst. Dir.*
‡Mrs. Mary M. Davis, *State Home Dem. Agt.*
‡Gordon Elcan, *Asst. State Club Agt.*
‡Helen Ricks, *Actg. State Agt. Girls' Club Work.*
‡C. A. Montgomery, B. S., *State Boys' Club Agt.*

Home Economics:

*Martha D. Dinwiddie, B. S., *Assoc. Prof. Home Econ.*
†Ellen A. Reynolds, Ph. D., *Research in Home Econ.*
*‡Mary B. McGowan, A. B., *Asst. Prof. and Foods Specialist.*
*‡J. Eldona Oliver, B. S., *Asst. Prof. and Clothing Specialist.*

Horticulture:

Dean Price *in charge.*
*T. C. Johnson, A. M., *Prof. Veg. Gard. (P. O., Norfolk).*
‡Kent Apperson, *Asst. Hort.*
‡L. C. Beamer, *Asst. Specialist in Veg. Gard.*
*‡L. B. Deatrick, B. S., *Asst. Prof. and Specialist in Veg. Gard.*
‡Mrs. Mary C. McBryde, *Asst. Specialist in Landsc. Design.*
†R. C. Moore, B. S., *Asst. Hort.*
*‡F. A. Motz, B. S., *Assoc. Prof. Pomol., Field Hort.*
*C. B. Price, *Instr. Hort.*
*‡D. A. Tucker, B. S., *Instr. and Asst. Hort.*

Zoology and Animal Pathology:

*I. D. Wilson, D. V. M., M. S., *Prof. Vet. Sci.*
*C. J. Coon, *Asst. An. Path.*
†R. A. Runnells, D. V. M., *Assoc. An. Path.*

Miscellaneous:

*†Mrs. A. P. Cunningham, *Asst. Libr. in charge Agr. Sec.*
*†C. I. Wade, *Treas. (P. O., Christiansburg).*

Substations:

T. B. Hutcheson, M. S., *Supervisor.*
Appomattox—B. G. Anderson, B. S., *Supt.*
Bowling Green—W. W. Green, *Supt. and Supvr. of Tobacco Invest. (Coop. U. S. D. A.).*
Charlotte Court House—H. C. Marshall, *Supt.*
Chatham—T. L. Copley, B. S., *Supt.*
Fishersville—P. C. Manley, B. S., *Supt.*
Holland—E. T. Batten, B. S., *Supt.*
Lightfoot—R. P. Cocke, *Supt.*
Martinsville—O. P. Strawn, *Supt.*

[1] On leave.
[2] State Crop Pest Commission Work.
[3] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Virginia Truck Experiment Station, *Norfolk*

†Station staff

†T. C. Johnson, A. M., *Director*

†S. R. Belote, *Supt. Eastern Shore Expt. Farm, P. O., Onley.*
†G. R. Gardner, *Hort. Foreman.*
†H. J. Henderson, B. S., *Asst. Ent.*
†F. P. McWhorter, M. S., *Plant Path.*
†M. M. Parker, B. S., *Asst. Hort.*
†G. R. Parrish, *Treas.*
†W. O. Strong, B. S., *Asst. Ent. (P. O., Onley).*
†H. H. Zimmerley, B. S., *Hort.*

Virginia Normal and Industrial Institute, *Ettricks*

*Agricultural faculty

*J. M. Gandy, A. M., Pd. D., *President*
*G. W. Owens, B. S., *Dir. of Agr. School*

*Olivia E. Bradley, B. S., *Instr. Dom. Art.*
*I. W. Campbell, *Instr. Farm Shop.*
*Minnie H. Champe, B. S., *Dir. of Home Econ.*
*I. A. Derbigny, M. A., *Prof. Chem.*
*Harriette DesJournette, B. S., *Dietitian.*
*Anna G. Fraser, B. S., *Instr. Chem.*
*L. Captoria Gwyn, B. S., *Assoc. Prof. Dom. Sci.*
*Mae L. Hatchette, B. S., M. E., *Instr. Biol.*
*A. A. Kildare, S. B., *Assoc. Prof. Biol.*
*J. R. Otis, B. S., *Assoc. Prof. Agr.*
*Annette B. Palmer, B. S., *Instr. Dom. Sci.*
*F. D. Patterson, D. V. M., *Vet.*
*Eunice V. Pepsico, B. S., *Instr. Dom. Art.*
*J. L. Smith, B. S., *Instr. Chem. and Phys.*
*J. R. Thomas, B. S., *Instr. Voc. Agr.*
*P. M. Vaughan, *Instr. Home Craft.*
*C. J. Wartman, *Farm Mgr.*
*M. L. White, *Libr.*

VIRGIN ISLANDS

Agricultural Experiment Station, *St. Croix*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†J. B. Thompson, B. S., *Director*

†W. M. Perry, *Hort. and Asst. in Ext.*
†M. S. Baker, B. S., *Agron.*

WASHINGTON

State College of Washington, the Agricultural Experiment Station, and the Extension Service, *Pullman*

*College faculty. †Station staff. ‡Extension staff

*E. O. Holland, Ph. D., *President*
*†E. C. Johnson, M. A., *Dean Coll. of Agr., Dir. of Sta.*
*‡S. B. Nelson, D. V. M., *Dean and Dir. of Ext. Service*

Animal Husbandry:
*†Howard Hackedorn, B. S., *Head of Dept.*
——— ———, *Asst. Prof. An. Husb.*
*†Jerry Sotola, M. S., *Asst. Prof. and Asst. An. Husb.*

Bacteriology:
†S. C. Vandecaveye, Ph. D., *Bact.*
*Victor Burke, Ph. D., *Prof. Bact.*
*L. A. Burkey, M. S., *Instr. Bact.*
*Vera E. Lautenschlager, M. A., *Instr. Bact.*

Botany:
*F. L. Pickett, Ph. D., *Head of Dept.*
*Hannah C. Aase, Ph. D., *Asst. Prof. Bot., Asst. Seed Analyst.*
*Mildred E. Manuel, B. S., *Instr. Bot.*
*Harold St. John, Ph. D., *Assoc. Prof. Bot.*

Chemistry:
*C. C. Todd, Ph. D., *Head of Dept.*
†J. L. St. John, M. S., *Chem. (State Chem.).*
*C. M. Brewster, A. M., *Prof. Chem.*
*H. L. Cole, B. S., *Asst. Prof. Chem.*
*R. P. Cope, M. S., *Assoc. Prof. Anal. and Agr. Chem.*

Chemistry—Continued.
*J. L. Culbertson, M. A., *Asst. Prof. Chem.*
*R. W. Gelbach, Ph. D., *Instr. Chem.*
†E. L. Green, B. S., *Asst. Chem.*
*A. A. Levine, Ph. D., *Instr. Chem.*
†J. R. Neller, Ph. D., *Assoc. Chem.*
*Alice G. Paterson, M. A., *Asst. Prof. Anal. Chem.*
†C. A. Rust, M. S., *Asst. Chem.*

Dairy Husbandry:
*†E. V. Ellington, B. S., *Head of Dept.*
‡R. C. Jones, B. S., *Dairy Specialist.*
*†J. C. Knott, B. S., *Asst. Supt. Official Testing; Herdsman.*
*A. H. Rishoi, M. S., *Asst. Prof. Dairy Husb.*
*Leonard Wallmark, B. S., *Asst. Herdsman.*

Economics—*See* **Farm Management.**

Editorial:
*†R. N. Emahiser, *Editor.*
‡Mrs. Ruth A. McGlade, *Ext. Editor.*

Education (Agr.):
*D.W.Hamilton, Ph. D., *Prof. Agr. Ed.*

Engineering (Agr.):
*†L. J. Smith, B. S., *Head of Dept.*
*†O. L. Waller, Ph. M., *Head of Irrig. Div., Vice Pres. of Coll.*
‡A. B. Crane, M. S., *Ext. Asst. Prof. Agr. Engin.*
*C. C. Johnson, B. A., *Asst. Prof. Agr. Engin*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
Dean and Dir. Nelson *in charge.*
‡R. M. Turner, B. S., *Asst. Dir.*
‡W. W. Underwood, B. S., *Asst. Dir.*
‡Elmina White, B. S., *Asst. State Club Leader.*

Farm Crops:
*†E. G. Schafer, M. S., *Head Dept. of Farm Crops; Agron.*
†O. E. Barbee, M. S., *Asst. in Farm Crops.*
*†E. F. Gaines, D. Sc., *Assoc. Prof. Farm Crops; Cerealist (Coop. U. S. D. A.).*

Farm Management and Economics (Agr.):
*†George Severance, B. S., *Head of Dept. Vice Dean of Coll.*
*E. F. Dummeier, A. M., *Asst. Prof. Agr. Econ.*
†G. H. Fredell, M. A., *Asst. Agr. Econ.*
*N. W. Johnson, M. S., *Instr. Farm Mgt.*
‡R. N. Miller, M. S., *Ext. Asst. Prof. Farm Mgt.*
*F. R. Yoder, Ph. D., *Asst. Prof. Sociol.*

Forestry:
*E. H. Steffen, M. F., *Head of Dept.*

Home Economics:
*Florence Harrison, M. A., *Dean Coll. of Home Econ.*
*Edna I. Avery, A. M., *Head Div. of Clothing and Textiles.*
*Leila W. Hunt, A. M., *Head Div. of Foods and Nutr.*
*Catherine T. Bryden, M. A., *Asst. Prof. Home Econ.*
*Mary A. Elliott, B. S., *Instr. Institutional Mgt.*
‡Gladys Gallup, B. S., *Home Mgt. Specialist.*
*Vivian L. Garrett, B. A., *Instr. Home Econ.*
‡Mary O. Howey, *Clothing Specialist.*
*Nellie B. Jacobs, B. A., *Instr. Home Econ.*
*Alice H. Mustard, B. S., *Instr. Institutional Mgt., Asst. Dietitian.*
*Helen K. Robson, B. S., *Asst. Prof. Clothing.*
*May M. Siemens, B. S., *Instr. Institutional Mgt.*
‡Mary E. Sutherland, B. S., *Ext. Assoc. Prof. Foods and Nutr.*

Horticulture:
*†O. M. Morris, M. S., *Head of Dept.*
‡M. D. Armstrong, B. S., *Hort. Specialist.*
†W. A. Luce, B. S., *Asst. Hort. (P. O., Wenatchee).*
*F. L. Overley, M. S., *Asst. Prof. Hort.*
*C. L. Vincent, M. S., *Asst. Prof. Hort.*

Plant Pathology:
*†F. D. Heald, Ph. D., *Head of Dept.*
*†B. F. Dana, M. S., *Asst. Prof. and Asst. Plant Path.*
*†E. E. Honey, Ph. D., *Instr. and Asst. Plant Path.*
‡G. L. Zundel, M. S., *Ext. Asst. Prof. Plant Path.*

Poultry Husbandry:
*†J. S. Carver, B. S., *Head of Dept.*
‡W. D. Buchanan, B. S., *Poultry Specialist.*
*†L. W. Cassel, B. S., *Asst. Prof. and Asst. Poultry Husb.*

Soils:
*†F. J. Sievers, M. S., *Head of Dept.*
*†A. F. Heck, M. S., *Asst. Prof. and Asst. in Soils.*
‡Leonard Hegnauer, B. S., *Ext. Asst. Prof. Soils and Crops.*
†H. F. Holtz, M. S., *Asst. Soil Physicist.*

Veterinary Medicine:
*E. E. Wegner, D. V. S., B. S., *Dean Coll. of Vet. Med.*
*G. R. Fowler, B. S., D. V. M., *Instr. Anat.*
*J. A. Howarth, B. S., D. V. M., *Instr. Path. and Bact.*
†J. W. Kalkus, D. V. S., *Vet. (P. O., Puyallup).*
*J. E. McCoy, D. V. M., *Asst. Prof. Vet. Med.*

Zoology:
*†R. L. Webster, Ph. D., *Head of Dept., Prof. Ent.; Ent.*
‡B. A. Slocum, B. S., *Specialist in Apiculture.*
†Anthony Spuler, M. S., *Asst. Ent.*

Substations:
Adams Branch Sta., *P. O., Lind*—
H. M. Wanser, M. S., *Actg. Supt.*
I. M. Ingham, M. S., *Asst. in Crops and Soils.*
Cranberry Lab., *P. O., Longbeach*—
D. J. Crowley, B. S., *Specialist in Cranberry Invest.*
Irrig. Branch Sta., *P. O. Prosser*—
R. P. Bean, B. S., *Supt. (Coop. U. S. D. A.).*
Harry Jensen, M. S., *Asst. Hort.*
H. P. Singleton, M. S., *Asst. in Soils and Crops.*
C. C. Wright, B. S., *Specialist in Irrig. Invest. (Coop. U. S. D. A.).*
Waterville Branch Sta., *P. O., Waterville*—
C. E. Hill, B. S., *Supt. (Coop. U. S. D. A.).*

Western Washington Station, *P. O., Puyallup.*
W. A. Linklater, B. S., *Supt.*
Arthur Frank, B. S., *Plant Path.*
M. E. McCollam, B. S., *Agron.*
H. D. Locklin, M. S., *Hort.*
C. E. Sawyer, D. V. M., *Poultry Research Vet.*
G. R. Shoup, *Poultryman.*
Mrs. G. R. Shoup, *Poultry Specialist.*

[1]For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.

WEST VIRGINIA

College of Agriculture and Agricultural Experiment Station of West Virginia University, *Morgantown*

*College faculty. †Station staff. ‡Extension staff

*F. B. Trotter, A. M., LL.D., *President of University*
*G. R. Lyman, Ph. D., *Dean Coll. of Agr.*
†H. G. Knight, Ph. D., *Dir. of Sta.*
‡N. T. Frame, A. B., *Dir. of Agr. Ext. Div.*

Agronomy:
*†R. J. Garber, Ph. D., *Head of Dept.*
‡D. R. Dodd, B. S., *Agron. Specialist.*
*†M. M. Hoover, M. S., *Instr. and Junior Agron.*
*†T. E. Odland, M. S., *Assoc. Prof. and Assoc. Agron.*
†H. K. Rowley, B. S., *Seed Analyst.*

Animal Husbandry:
*†E. A. Livesay, M. S., *Head of Dept.*
‡B. F. Creech, B. S., *An. Husb. Specialist.*
*‡E. L. Shaw, B. S., *Instr. An. Husb., Sheep Specialist.*
*†E. C. Stillwell, M. S., *Asst. Prof. and Asst. An. Husb.*
†R. H. Tuckwiller, B. S., *Asst. An. Husb.* (*Coop. U. S. D. A.*).
*†C. V. Wilson, M. S., *Asst. Prof. and Asst. An. Husb.*

Chemistry:
Director Knight *in charge.*
†T. J. Cochrane, B. S., *Junior Chem.*
†R. B. Dustman, Ph. D., *Asst. Chem.*
†T. B. Leith, A. B., *Asst. Chem.*
†C. E. Weakley, jr., A. B., *Asst. Chem.*

Dairy Husbandry:
*†E. L. Anthony, M. S., *Head of Dept.*
*†Warren Gifford, B. S., *Instr. and Junior Dairy Husb.*
*†H. O. Henderson, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡J. V. Hopkins, B. S., *Dairy Specialist.*
*†G. M. Trout, M. S., *Instr. and Junior Dairy Husb.*

Economics (Agr.):
*†A. J. Dadisman, Ph. D., *Head of Dept.*
*†‡W. W. Armentrout, M. S., *Instr. and Junior Farm Economist. Marketing Specialist.*
*†P. A. Eke, Ph. D., *Asst. Prof. and Asst. Farm Econ.*
‡A. H. Rapking, B. D., *Rural Organ. Specialist.*

Editorial:
*†‡W. C. Schnopp, B. S., *Instr. Agr. Journalism; Agr. Editor.*

Education (Agr.):
*H. B. Allen, M. S., *Head of Dept.*
*J. V. Ankeney, *Instr. in charge Visual Ed.*
*R. A. Olney, M. S., *Asst. Prof. Agr. Ed.*
*D. W. Parsons, M. S., *Instr. and Asst. Supvr. Voc. Agr.*

Engineering (Agr.):
*†A. J. Dadisman, Ph. D., *in charge.*
*†F. D. Cornell, jr., M. S., *Instr. and Junior Farm Mech.*

Entomology:
*†L. M. Peairs, Ph. D., *Head of Dept.*
†W. E. Rumsey, B. S., *Ent.* (*State Ent.*).

Extension (Admin.):[1]
Director Frame *in charge.*
*†C. H Hartley, B. S., *Asst. Dir. and Instr. Agr.*

Extension—Continued.
‡W. H. Kendrick, B. S., *Asst. Dir. in charge Club Work* (*P. O., Weston*).
*‡C. E. Stockdale, B. S., *State Agt.*
‡Hazel M. Horsfall, B. S., *State Home Dem. Agt.*
‡Pauline Spangler, B. S., *State Girls' Club Agt.*

Forestry:
‡T. W. Skuce, B. S., *For. Specialist.*

Home Economics:
*Rachel H. Colwell, A. M., *Head of Dept.*
†Ruth Buchanan, Ph. D., *Asst. Home Econ.*
*Hazel M. Goddard, B. S., *Asst. in Home Econ.*
‡Mary C. Moreland, B. S., *Home Indus. Specialist.*
*Nell Nesbitt, A. M., *Asst. Prof. Home Econ.*
*Ruth D. Noer, M. S., *Asst. Prof. Home Econ.*
*Jean E. Richmond, A. M., *Asst. Prof. Ed. and Home Econ.*
*Sara E. Slater, B. S., *Instr. Home Econ.*
*Gladys Titsworth, A. M., *Instr. Home Econ.*

Horticulture:
———.
*†Ernest Angelo, M. S., *Instr. and Junior Hort.*
‡Dee Crane, *Potato Specialist.*
*†H. L. Crane, M. S., *Assoc. Prof. and Assoc. Hort.*
*†T. M. Currence, B. S., *Instr. and Junior Hort.*
‡T. D. Gray, B. S., *Hort. Specialist.*
*†H. E. Knowlton, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡H. W. Prettyman, B. S., *Supt. Packing School* (*P. O., Inwood*).
*†K. C. Westover, M. S., *Asst. Prof. and Asst. Hort.*

Plant Pathology:
*†N. J. Giddings, Ph. D., *Head of Dept.*
†Anthony Berg, M. S., *Asst. Plant Path.*
*†L. H. Leonian, Ph. D., *Asst. Prof. and Asst. Plant Path.*
†‡E. C. Sherwood, M. S., *Asst. Plant Path., Specialist in Plant Diseases.*

Poultry Husbandry:
*E. L. Andrews, M. S., *Head Dept. of Poultry Husb.*
†Horace Atwood, M. S., *Head Dept. of Poultry Research.*
‡R. L. Mason, B. S., *Poultry Specialist.*

Soils:
*†E. P. Deatrick, Ph. D., *Head of Dept.*

Veterinary Science:
*C. C. Beall, D. V. M., *Instr. Vet. Sci.*

Miscellaneous:
*L. D. Arnett, Ph. D., *Libr.*

Substations:
Maggie Substa., *P. O., Maggie*—T. C. McIlvaine, Ph. D., *Asst. Agron. in charge* (*Coop. U. S. D. A.*).
Reymann Memorial Farms, *P. O., Wardensville*—L. F. Sutton, B. S., *Asst. Hort. in charge.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

The West Virginia Collegiate Institute, *Institute*

*Agricultural faculty

*J. W. Davis, A. M., *President*
*A. W. Curtis, M. Agr., *Dir. of Agr. Dept.*

*Essie J. Anderson, B. S., *Dir. Teacher Training in Home Econ.*
*Mary E. Eubank, *Dom. Sci. and Art.*
*A. P. Hamblin, B. S., *Biol.*
*R. W. James, *An. Husb. and Poultry.*
*Mrs. Julia L. Marsh, B. S., *Dom. Sci.*
*D. M. Prillerman, B. S., *Chem.*
*Ednora M. Prillerman, B. S., *Dom. Sci.*
*Clara F. Savoy, A. B., *Libr.*
*Mrs. Amanda G. Spriggs, *Dom. Art.*

WISCONSIN

College of Agriculture and the Agricultural Experiment Station of the University of Wisconsin, *Madison*

*College faculty. †Station staff. ‡Extension staff

*Glenn Frank, M. A., L. H. D., Litt. D., *President of University*
*††H. L. Russell,[1] Ph. D., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service*
*†F. B. Morrison, B. S., *Actg. Dean Coll. of Agr., Asst. Dir. of Sta.*

Agronomy:
*††R. A. Moore, *Chair. of Dept.*
‡G. M. Briggs, B. S., *Agron. Specialist.*
*††E. J. Delwiche, M. S., *Prof. Agron. (P. O., Green Bay).*
*††L. F. Graber, M. S., *Prof. Agron.; Agron.*
*††E. D. Holden, M. S., *Instr. and Asst. Agron.*
*†B. D. Leith, B. S., *Assoc. Prof. Agron.; Agron.*
*†G. B. Mortimer, B. S., *Prof. Agron.; Agron.*
*††A. L. Stone, *Asst. Prof. and Asst. Agron.*
*††A. H. Wright, M. S., *Assoc. Prof. and Assoc. Agron. (Coop. U. S. D. A.).*

Animal Husbandry:
*††G. C. Humphrey, B. S., *Chair. of Dept.*
*†F. B. Morrison, B. S., *Prof. An. Husb.; An. Husb.*
‡H. J. Brant, M. S., *An. Husb. Specialist.*
‡A. O. Collentine, *An. Husb. Specialist.*
*‡A. J. Cramer, B. S., *Supvr. in charge Cow Testing Assns. (Coop. U. S. D. A.).*
*†J. M. Fargo, M. S., *Asst. Prof. An. Husb.*
*†J. G. Fuller, B. S., *Prof. An. Husb.*
‡R. T. Harris, *Supvr. in charge Dairy Tests.*
*††Frank Kleinheinz, *Asst. Prof. An. Husb. (Sheep).*
‡R. F. Murray, B. S., *An. Husb. Specialist.*
*†I. W. Rupel, M. S., *Instr. and Asst. An. Husb.*

Bacteriology:
*††E. G. Hastings, M. S., *Chair. of Dept.*
*††E. B. Fred, Ph. D., *Prof. Agr. Bact.; Agr. Bact.*
*††W. D. Frost, Ph. D., Dr. P. H., *Prof. Agr. Bact.; Agr. Bact.*
*†Edith Haynes, M. S., *Instr. and Asst. in Agr. Bact.*
*†G. E. Helz, B. S., *Asst. Bact.*
*††Harriet L. Mansfield, B. S., *Asst. Agr. Bact.*
*Myrtle A. Shaw, M. S., *Asst. Agr. Bact.*
*A. L. Whiting, Ph. D., *Assoc. Prof. Agr. Bact.*
*†W. H. Wright, Ph. D., *Assoc. Prof. Agr. Bact.; Agr. Bact.*

Chemistry:
*†E. B. Hart, B. S., *Chair. of Dept.*
*†C. A. Elvehjem, M. S., *Instr. Agr. Chem.*
*†C. A. Hoppert, Ph. D., *Instr. and Asst. Agr. Chem.*

Chemistry—Continued.
*†S. W. F. Kletzien, B. S., *Asst. Agr. Chem.*
*†W. H. Peterson, Ph. D., *Prof. Agr. Chem.; Agr. Chem.*
*†Blanche Rüsing, B. S., *Asst. Agr. Chem.*
*†H. C. Schaefer, B. S., *Asst. Agr. Chem.*
*†Harry Steenbock, Ph. D., *Prof. Agr. Chem.; Agr. Chem.*
*†W. E. Tottingham, Ph. D., *Assoc. Prof. Agr. Chem.; Agr. Chem.*

Dairy Husbandry:
*††E. H. Farrington, M. S., *Chair. of Dept.*
*††J. L. Sammis, Ph. D., *Assoc. Prof. Dairy Husb.; Dairy Husb.*
*H. H. Sommer, Ph. D., *Assoc. Prof. Dairy Husb.*
*L. C. Thomsen, B. S., *Instr. Dairy Husb.*

Economics (Agr.):
*††B. H. Hibbard, Ph. D., *Chair. of Dept.*
‡H. H. Bakken, M. A., *Marketing Specialist.*
‡J. S. Donald, B. S., D. D. S., *Agr. Econ. Specialist (Coop. U. S. D. A.).*
*††J. H. Kolb, Ph. D., *Prof. Agr. Econ. (Rural Life); Agr. Econ.*
*P. E. McNall, M. S., *Prof. Agr. Econ.*
*Theodore Macklin, Ph. D., *Prof. Agr. Econ.*
*M. C. Riley, LL. B., *Lect. in Agr. Econ.*
*M.A. Schaars, B. S., *Instr. Agr. Econ.*
*A. F. Wileden, M. S., *Instr. Agr. Econ.*

Editorial—*See* **Journalism.**

Education (Agr.):
*J. A. James, B. S., *Chair. of Dept. and Asst. Dean of Coll. of Agr.*
*‡E. M. Tiffany, M. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*††E. R. Jones, M. S., *Chair. of Dept.*
*‡F. W. Duffee, B. S., *Assoc Prof. Agr. Engin.*
*†K. C. MacLeish, B. S., *Instr. and Tech. Asst. in Agr. Engin.*
‡W. A. Rowlands, B. S., *Land Clearing Specialist.*
*††J. H. Swenehart, B. S., *Prof. Agr. Engin. (Land Clearing); Agr. Engin.*
‡F. G. Wilson, *For. Specialist (Coop. U. S. D. A.).*
‡O. R. Zeasman, B. S., *Asst. Prof. Agr. Engin.*

[1] On leave.

Entomology (Econ.):
*†‡H. F. Wilson, M. S., *Chair. of Dept.*
*†‡C. L. Fluke, M. S., *Asst. Prof. and Asst. Econ. Ent.*
*†A. A. Granovsky, M. S., *Instr. and Asst. Econ. Ent.*
*G. E. Marvin, B. S., *Instr. Econ. Ent.*

Extension (Admin.):[1]
Director Russell *in charge.*
‡K. L. Hatch, B. S., *Asst. Dir. in charge.*
‡J. F. Wojta, M. S., *County Agt. Leader.*
‡T. L. Bewick, M. S., *State Club Leader.*
‡G. M. Briggs, B. S., *Asst. County Agt. Leader.*
‡W. W. Clark, B. S., *Asst. County Agt. Leader.*
‡E. L. Luther, B. S., *Supvr. Ext. Courses and Schools and Supt. Farmers' Insts.*
‡Wakelin McNeel, B. S., *Asst. State Club Leader.*
‡Elizabeth M. Salter, B. S., *Asst. State Club Leader.*
‡J. H. Swenehart, B. S., *Asst. County Agt. Leader.*

Genetics:
*†L. J. Cole, Ph. D., *Chair. of Dept.*
†F. A. Abegg, M. S., *Asst. in Genetics.*
*R. A. Brink, D. Sc., *Asst. Prof. Genetics.*
†C. R. Burnham, B. S., *Asst. in Genetics.*
†D. G. Steele, M. S., *Asst. in Genetics.*
†E. E. Van Lone, M. S., *Asst. in Genetics.*

Home Economics:
*†‡Abby L. Marlatt, D. Sc., *Chair. of Dept. and Dir. of Courses.*
*May L. Cowles, M. S., *Asst. Prof. Home Econ.*
*Mrs. Dorothy R. Denniston, M. D., *Lect. in Home Econ.*
*Bernice F. Dodge, M. S., *Asst. Prof. Home Econ.*
‡Wealthy M. Hale, B. S., *Home Econ. Specialist.*
*Ruth Henderson, B. S., *Asst. Prof. Home Econ.*
*Ellen G. Hillstrom, M. A., *Assoc. Prof. Home Econ.*
‡Edna L. Huffman, B. S., *Home Econ. Specialist.*
*Katherine Jones, B. S., *Instr. Home Econ.*
‡Mrs. Nellie K. Jones, M. S., LL. D., *State Leader, Home Dem. Agents.*
*Marion Juaire, M. S., *Instr. Home Econ.*
‡Sadie A. McNulty, B. S., *Home Econ. Specialist.*
*Hazel Manning, M. S., *Assoc. Prof. Home Econ.*
‡Gladys L. Meloche, M. S., *Home Econ. Specialist.*
*Ruth H. Myrland, B. A., *Asst. to Chair. of Dept.*
*Helen T. Parsons, M. S., *Asst. Prof. Home Econ.*
*Stella Patton, B. S., *Instr. Home Econ.*
‡Mary E. Purcell, B. S., *Home Econ. Specialist.*
*Mrs. R. Randolph, B. S., *Instr. Home Econ.*
*Mrs. May S. Reynolds, M. S., *Instr. Home Econ.*
‡Gladys S. Stillman, Ph. B., B. S., *Home Econ. Specialist.*

Home Economics—Continued.
*Bessie F. Tyrrell, B. A., *Instr. Home Econ.*
*Olga Willberg, M. A., *Instr. Home Econ.*
*Ella Woods, Ph. D., *Asst. Prof. Home Econ.*

Horticulture:
*†‡J. G. Moore, M. S., M. H., *Chair. of Dept.*
*‡F. A. Aust, M. S., M. L. D., *Assoc. Prof. Hort. (Landsc. Design).*
†Dorothy Bradbury, M. A., *Asst. in Hort.*
‡J. W. Brann, M. S., *Asst. Prof. Hort.*
*†‡James Johnson, Ph. D., *Prof. Hort.; Hort. (Coop. U. S. D. A.).*
*‡Laura R. Kremers, M. A., *Asst. in Hort.*
‡C. L. Kuehner, B. S., *Hort. Specialist.*
*†‡J. G. Milward, M. S., *Prof. Hort.; Hort.*
*†‡R. H. Roberts, Ph. D., *Assoc. Prof. Hort.; Hort.*

Journalism:
*†‡A. W. Hopkins, B. L., *Chair. of Dept., Editor.*
*‡Grace E. Langdon, B. A., *Instr. Agr. Journalism.*
*‡W. A. Sumner, B. S., *Assoc. Prof. Agr. Journalism, Assoc. Editor.*

Plant Pathology:
*†‡L. R. Jones, Ph. D., D. Sc., *Chair. of Dept.*
‡J. W. Brann, M. S., *Asst. Prof. Plant Path.*
*†J. G. Dickson, Ph. D., *Assoc. Prof. and Plant Path. (Coop. U. S. D. A.).*
*E. M. Gilbert, Ph. D., *Prof. Plant. Path.*
*†G. W. Keitt, Ph. D., *Prof. Plant Path.; Plant Path.*
*Florence L. Markin, B. S., *Asst. in Plant Path.*
*A. J. Riker, Ph. D., *Asst. Prof. Plant Path.*
*Mrs. Regina S. Riker, Ph. D., *Asst. in Plant Path.*
‡R. E. Vaughan, M. S., *Assoc. Prof. Plant Path.*
*J. C. Walker, Ph. D., *Assoc. Prof. Plant Path. (Coop. U. S. D. A.).*
*†F. L. Wellman, M. S., *Asst. in Plant Path. (Coop. U. S. D. A.).*

Poultry Husbandry:
*†‡J. G. Halpin, B. S., *Chair. of Dept.*
‡J. B. Hayes, B. S., *Asst. Prof. Poultry Husb.*
*†‡O. N. Johnson, *Asst. in Poultry Husb.*
*†‡C. E. Lampman, B. S., *Instr. Poultry Husb.*

Soils:
*†‡A. R. Whitson, B. S., *Chair. of Dept.*
†‡A. R. Albert, B. S., *Instr. Soils; Asst. in State Soils Lab. (P. O., Hancock).*
*R. P. Bartholomew, M. S., *Instr. Soils.*
‡C. J. Chapman, B. S., *Asst. Prof. Soils and Chem. in State Soils Lab.*
*W. J. Geib, M. Agr., *Asst. Prof. Soils, Soil Survey Work (Coop. U. S. D. A.).*
*†E. J. Graul, M. S., *Asst. Prof. Soils; Asst. in State Soils Lab.*
*†‡F. L. Musbach, B. S., *Prof. Soils (P. O., Marshfield).*
*‡Griffith Richards, B. S., *Assoc. Prof. Soils.*
*H. W. Stewart, Ph. D., *Asst. Prof. Soils.*
*Emil Truog, M. S., *Prof. Soils.*
‡O. R. Zeasman, B. S., *Asst. Prof. Soils.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Veterinary Science:
*†‡F. B. Hadley, D. V. M., *Chair. of Dept.*
*A. S. Alexander, F. H. A. S., M. D. C., *Prof. Vet. Sci.*
*†‡B. A. Beach, D. V. M., *Assoc. Prof. Vet. Sci.*

Miscellaneous:
*†‡W. H. Ebling, M. S., *Asst. to Dean and Dir.*
‡A. J. Haas, *Executive Secy.*
*†C. S. Hean, B. A., *Libr.*

Substations:
Ashland, Spooner, and Peninsular Stas.—
E. J. Delwiche, M. S., *in charge (P. O. Green Bay).*
Hancock and Coddington Stas.—
A. R. Albert, B. S., *in charge (P. O., Hancock).*
Marshfield—
F. L. Musbach, B. S., *in charge.*

WYOMING

College of Agriculture and the Agricultural Experiment Station of the University of Wyoming, *Laramie*

*College faculty. †Station staff. ‡Extension staff

*A. G. Crane, Ph. D., *President*
*†J. A. Hill, B. S., *Dean Coll. of Agr., Dir. of Sta. Wool Specialist*
‡A. E. Bowman, B. S., *Dir. of Agr. Ext.*

Agronomy:
*†A. F. Vass, M. S., *Prof. Agron.; Agron.*
†T. J. Dunnewald, B. S., *Soil Survey.*
*†Glen Hartman, B. S., *Asst. Prof. and Asst. Agron.*
‡R. O. Westley, M. S., *Crops and Soils Specialist.*

Animal Industry:
*†F. S. Hultz, M. S., *Prof. An. Husb.; An. Husb.*
*†R. H. Burns, M. S., *Asst. Wool Specialist.*
*†F. J. Kohn, B. S., *Instr. and Asst. Poultry Husb.*
‡D. J. Robertson, B. S., *Livestock and Dairy Specialist.*
‡O. N. Summers, B. S., *Poultry Specialist.*
*†S. S. Wheeler, M. S., *Asst. Prof. and Asst. An. Husb.*
*†H. S. Willard, M. S., *Asst. Prof. and Asst. An. Husb.*

Botany:
*†Aven Nelson, Ph. D., *Prof. Bot.; Bot. and Hort.*
*†E. B. Payson, Ph. D., *Prof. Bot.; Bot. and Hort.*
‡R. U. Cotter, B. S., *Specialist in Barberry Erad. Work (Detailed by U. S. D. A.).*

Chemistry:
*L. E. Walter, M. S., *Prof. Chem. (State Chem.).*
†O. A. Beath, M. A., *Research Chem.*
†C. B. Clevenger, Ph. D., *Asst. Research Chem.*
*†F. E. Hepner, M. S., *Assoc. Prof. Chem.; Head of Weather Sta.*
†E. N. Roberts, Ph. D., *Asst. Research Chem.*

Education (Agr.):
*S. H. Dadisman, M. S., *Assoc. Prof. and Dir. Teacher Training in Agr.*
*Mrs. Clara B. Bowman, B. A., *Asst. Prof. Rural Ed.*

Engineering (Agr.):
*†J. C. Fitterer, B. S., C. E., *Prof. Irrig. Engin.; Irrig. Engin.*

Extension (Admin.): [1]
Director Bowman *in charge.*
‡F. P. Lane, B. S., *County Agt. Leader.*
‡Luella P. Sherman, B. S., *Actg. State Home Dem. Leader.*
‡W. P. Mortenson, M. S., *State Club Leader.*
‡G. W. O'Roke, *Admin. Asst.*

Home Economics:
*†Elizabeth J. McKittrick, M. S., *Head of Dept.*
*Mary Carson, B. S., *Instr. Home Econ.*
*Bernice Elwell, *Instr. Institutional Mgt.*
*Olga M. Hoesly, M. S., *Asst. Prof. Teacher Training in Home Econ.*[2]
‡Wilhelmina E. Jacobson, M. A., *Clothing Specialist.*
‡Luella P. Sherman, B. S., *Foods and Nutr. Specialist.*
*Katherine A. Waller, B. S., *Asst. Prof. Home Econ.*

Veterinary Science:
*†Cecil Elder, D. V. M., M. S., *Prof. Vet. Sci.; Research Path.*
*†A. M. Lee, D. V. M., *Asst. Prof. Vet. Sci. and Bact.; Asst. Vet.*

Zoology:
*†J. W. Scott, Ph. D., *Prof. Zool.; Research Parasitol.*
‡W. H. Carrington, *Asst. in Rodent Control Work (Coop. U. S. D. A.).*
*†‡C. L. Corkins, M. S., *Prof. Ent.; Ent. (State Ent.).*
‡A. M. Day, B. S., *Rodent Control Specialist (Detailed by U. S. D. A.).*
*H. M. Smith, Ph. D., *Instr. Zool. and Physiol.*

Miscellaneous:
*Reba Davis, B. L. S., *Libr.*
†Marion V. Higgins, *Libr.*
†W. L. Quayle, B. S., *Dir. of Expt. Farms.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in College of Education.

INDEX OF NAMES

Aase, H. C., 77
Abbey, M. J., 44.
Abbot, F. H., 5.
Abbott, C. E., 12.
Abbott, E. V., 29.
Abbott, O. D., 12.
Abbott, R. C., 45.
Abbott, W. C., 30.
Abegg, F. A., 81.
Abel, F. A. E., 15.
Abell, M. F , 34
Abell, T. H., 74.
Ackerman, W. T., 47.
Ackerson, C. W., 45.
Ackert, J. E., 27.
Acquarone, P., 64.
Adair, Mrs. D. W., 2.
Adams, B., 53.
Adams, C. S., 41.
Adams, F., 6.
Adams, G. E., 66.
Adams, H. R., 21.
Adams, J. E., 72.
Adams, J. F., 11.
Adams, J. V., 47.
Adams, J. W., 9.
Adams, M., 46.
Adams, M. G., 58.
Adams, O. V., 8.
Adams, P. G., 60.
Adams, R. L., 6.
Adams, R. M., 53.
Adams, W. L., 67.
Addy, R. H., 35.
Adriance, G. W., 72.
Agar, H. L., 18.
Agee, H. P., 15.
Ahlborn, M., 27.
Ahlson, C. B., 15.
Aicher, L. C., 27.
Aiken, J. B., 11.
Aitken, W. A., 25.
Aitkenhead, W., 20.
Aitkenhead, W. C., 21.
Albert, A. R., 81, 82.
Albert, D. W., 4.
Albert, E. J., 75.
Albrecht, W. A., 43.
Alcock, J. R., 33.
Alcox, Mrs. O. S., 24.
Alder, B., 73.
Alderman, G. W., 34.
Alderman, O. A., 59.
Alderman, W. H., 39.
Alex, A. H., 72.
Alexander, A. S., 82.
Alexander, C. L., 37.
Alexander, C. P , 33.
Alexander, E. D., 13.
Alexander, J. M., 73.
Alexander, M. A., 4.
Alexander, W. H., 60.
Alford, A. O., 55.
Alford, C. H., 8.
Alford, S. W., 46.
Alger, H. B., 51.
Allain, E., 2.
Allbaugh, L. G., 22.
Allen, A. A., 53.
Allen, C. L., 51.
Allen, E. W., II.
Allen, F. J., 19.
Allen, F. L., 58.
Allen, F. W., 7.
Allen, H. B. (N. J.), 48.
Allen, H. B. (W. Va.), 79.
Allen, H. L., 33.
Allen, H. R., 29.
Allen, H. W., 41.
Allen, J. C., 21.
Allen, L., 71.
Allen, Lilburn, 16.
Allen, Lucile, 18.
Allen, L. J., 62.
Allen, P. W., 70.
Allen, W. H., 48, 49.
Allison, I. M. K., 9.
Allison, J. H., 38.
Allred, C. E., 70.
Almy, E. F., 57.
Alquist, F. N., 19.
Alvarez, A. A., 66.
Alvord, C. H., 71.
Alway, F. J., 39.
Amberson, J. D., 65.
Ambrose, A. S., 17.
Ambrose, M. A., 70.
Ames, C. T., 41.
Ames, J. W., 59.
Amos, E. G., 35.
Amundson, G., 35.
Anderegg, L. T., 22.
Anders, C. B., 41.
Anders, I. A., 23.
Andersen, E. N., 45.
Anderson, A., 44.
Anderson, A. B., 5.
Anderson, A. E., 69.
Anderson, A. K., 64.
Anderson, A. L., 21.
Anderson, B. G., 76.
Anderson, B. M. (Ala.), 2.
Anderson, B. M. (Kans.) 25.
Anderson, C. R., 65.
Anderson, C. S., 18.
Anderson, D. B., 55.
Anderson, E. E., 50.
Anderson, E. J. (S. C.), 68.
Anderson, E. J. (W. Va.), 80.
Anderson, E. O., 10.
Anderson, F. A. (Colo.), 9.
Anderson, F. A. (Minn.), 40.
Anderson, F. P., II.
Anderson, G. C., 16.
Anderson, G. F., 75.
Anderson, H. W., 18.
Anderson, J., 69.
Anderson, J. A., 40.
Anderson, J. C., 16.
Anderson, M. A., 57.
Anderson, O. G., 20.
Anderson, P. A., 37.
Anderson, P. J., 11.
Anderson, P. O., 38.
Anderson, R. J., 54.
Anderson, W. A. (Ky.), 29.
Anderson, W. A. (N. C.), 55.
Anderson, W. S. (Ky.), 28.
Anderson, W. S. (Miss.), 41.
Anderson, W. S. (N. C.), 55.
Andes, J. O., 70.
Andrew, R. E., 10.
Andrews, E. L., 79.
Andrews, F., 69.
Andrews, H., 71.
Andrews, J. M., 16.
Andrews, K. C., 35.
Angelo, E., 79.
Ankeney, J. V., 79.
Annam, M. C., 10.
Anthony, E. L., 79.
Anthony, R. D., 65.
Apperson, K., 76.
Appleman, C. O., 32.
Appleton, W. H., 1.
Arbour, M. B., 30.
Archibald, J. G., 33.
Arey, J. A., 55.
Armentrout, W. W., 79.
Armes, M. J., 64.
Armstrong, F. E., 16.
Armstrong, G. B., 18.
Armstrong, G. M., 68.
Armstrong, L. O., 55.
Armstrong, M. D., 78.
Armstrong, O. K., 12.
Armstrong, S. W., 3.
Armstrong, W. F., 55.
Arnett, C. N., 43.
Arnett, L. D., 79.
Arnold, C. R., 58.
Arnold, E. M., 27.
Arnquist, J. E., 23.
Arny, A. C., 37.
Arrington, L. B., 34.
Arrington, M. B., 73.
Arroyo, A., 66.
Asbury, S. E., 72.
Ashcraft, D. W., 59.
Ashworth, J. T., 10.
Atkeson, F. W., 16.
Atkins, R. C., 2.
Atkinson, A., 43.
Atwood, F. J., 45.
Atwood, H., 79.
Atwood, R. B., 73.
Atwood, W. M., 62.
Aubel, C. E., 25.
Auchter, E. C., 32.
Aull, G. H., 68.
Aull, W. B., 67.
Aust, F. A., 81.
Austin, E. L., 20.
Averill, A. W., 31.
Averill, F. G., 31.
Averitt, S. D., 28.
Avery, E. I., 78.
Avery, S., II, 44.
Ayers, T. L., 68.
Ayres, J. C., 15.
Ayres, Q. C., 23.
Ayres, W. E. (Miss.), 41.
Ayres, W. E. (N. Y.), 51.

Babcock, E. B., 7.
Babcock, O. J., 73.
Bachtell, M. A., 60.
Bacon, S. R., 54.
Badger, C. J., 16.
Baer, A. A., 45.
Baer, A. C., 60.
Baerg, W. J., 4.
Bahrt, G. M., 44.
Baie, E. A., 20.
Bailey, A. C., 24.
Bailey, C. H., 38.
Bailey, E. M., 10.
Bailey, F., 57.
Bailey, F. E., 75.
Bailey, G. W., 75.
Bailey, H. G., 49.

Bailey, J. S., 34.
Bailey, M. V., 59.
Bailey, R., 74.
Bailey, S. R., 75.
Baird, T., 28.
Baker, A. L., 65.
Baker, C. A., 9.
Baker, C. E., 20.
Baker, G. J., 56.
Baker, G. L., 11.
Baker, H., 30.
Baker, H. J., II, 47.
Baker, H. R., 11.
Baker, K. G., 2.
Baker, L., 27.
Baker, L. M., 31.
Baker, M. A., 12.
Baker, M. M., 23.
Baker, M. P., 22.
Baker, M. S., 77.
Baker, T. A., 11.
Baker, W. G., 23.
Bakke, A. L., 22.
Bakken, H. H., 80.
Bakkum, G. A., 53.
Balch, W. B., 27.
Baldwin, E. J., 16.
Baldwin, F. M., 25.
Baldwin, I. L., 19.
Baldwin, P. M., 17.
Baldwin, R. J., 34.
Bales, A., 57.
Ball, A. S., 33.
Ball, C. D., 35.
Ball, G. I., 49.
Ball, J. B., 17.
Ball, O. M., 72.
Ball, R. J., 75.
Ballantyne, A. B., 3.
Ballard, C. V., 35.
Ballard, F. L., 62.
Ballard, W. R., 32.
Ballinger, R. A., 38.
Ballou, F. H., 60.
Ballum, G. A., 56.
Balmer, F. E., 38.
Baltzer, A. C., 35.
Bamer, R. H., 21.
Bamford, R., 75.
Bancroft, C., 58.
Bancroft, L., 31.
Bandemer, S. L., 35.
Bane, G. M., 58.
Banta, L., 33.
Barbee, O. E., 78.
Barden, R. D., 58.
Bardsley, J. H., 21.
Barger, E. H., 8.
Barham, J. F., 42.
Barker, Mrs. E. P., 23.
Barker, P. I., 23.
Barker, R. M., 48.
Barkley, M., 29.
Barkman, J. O., 28.
Barlow, J., 67.
Barner, J. A., 56.
Barnes, B. F., 27.
Barnes, Mrs. D. R., 72.
Barnes, E. E., 59.
Barnes, G., 32.
Barnes, G. F., 41.
Barnes, G. W., 71.
Barnes, I. M., 18.
Barnes, M. A , 1.
Barnett, O. M., 43.
Barnett, R. J., 27.
Barnette, R. M., 12.
Barnhart, A. S., 65.
Barnum, C. C., 15.
Barr, G. W., 46.
Barr, H. T., 4.
Barre, H. W., 67.
Barrett, DuP., 13.
Barrett, H. J., 69.
Barrett, J. T., 7.
Barron, J. H., 50.
Barrow, D. N., 29.
Barrows, E. S., 74.
Barrows, W. M., 59.
Barrus, M. F., 53.
Barry, Mrs. M. W., 72.
Barss, H. P., 62.
Bartel, F. O., 54.
Bartelt, H. E., 38.
Bartholomew, E. T., 7.
Bartholomew, H., 18.
Bartholomew, R. P., 81.
Bartlett, J. M., 31.
Bartlett, J. W., 48, 49.
Bartley, M. A., 34.
Barto, H. T., 18.
Barton, O. A., 56.
Barts, A. A., 52.
Basinger, A. J., 6.
Basore, C. A., 1.
Bassett, L. B., 37.
Batchelder, C. H., 31.
Batchelor, E. M., 26.
Batchelor, H. W., 59.
Batchelor, L. D., 7.
Bateman, G. Q., 74.
Bateman, J. R., 74.
Bates, E., 52.
Bates, S. L., 23.
Bates, W., 27.
Batten, E. T., 76.
Bauer, F., 67.
Bauer, F. C., 17.
Bauer, G., 72.
Baver, L. D., 59.
Bayha, A. E., 36.
Bayles B. B., 63.
Bayles, J. J., 73.
Bayne, T. L., jr., 51.
Bazore, K., 18.
Beach, B. A., 82.
Beach, C. L., 9.
Beach, F. H., 58.
Beach, H. T., 40.
Beach J. R., 8.
Beach, W. S., 64.
Beadle, A. P., 20.
Beadles, J. R., 17.
Beal, A. C., 53.
Beal, J. M., 40.
Beale, A. M., 30.
Beall, C. C., 79.
Beam, A. L., 64.
Beamer, L. C., 76.
Bean, R. P., 78.
Bear, F. E., 59.
Beard, F. J., 60.
Beard, W. P., 69.
Bearer, E. V., 48.
Beath, O. A., 82.
Beatty, J. A., 49.
Beaudette, F. R., 48, 49.
Beaumont, A. B., 33.
Beaumont, J. H., 39.
Beaumont, N., 35.
Bechdel, S. I., 64.
Beck, R. W., 40.
Becker, E. R., 25.
Becker, R. B., 60.
Beckett, S. H., 6.
Beckman, F. W., 24,
Beckwith, C. S., 49.
Beckwith, F. S., 49.
Becraft, R. J., 73.
Bedenbaugh, P. G., 40.
Beers, R. E., 63.
Beeson, K. E., 21.
Beggs, A. F., 47.
Behr, J. R., 20.
Behre, E. H., 30.
Behrends, F. G., 51.
Behrens, C. A., 19.
Beisel, Mrs. M. M., 20.
Belden, H. G., 39.
Bell, C. E., 12.
Bell, D. S., 59.
Bell, E. J., jr., 44.
Bell, F., 14.
Bell, F. W., 25.
Bell, J. C., 63.
Bell, J. P., 4.
Bell, M. A., 44.
Bell, Mrs. M. C., 48.
Bell, R. H., 65.
Bell, V. M., 23.
Bellis, J. W., 49.
Belote, S. R., 77.
Belton, H. L., 6.
Bemis, E., 36.
Bemis, H. E., 25.
Benbrook, E. A., 25.
Bender, C. B., 49.
Bender, R. C., 54.
Bender, W. H., 23.
Bendixen, H. A., 16.
Benedict, A. A., 24.
Benedict, M. R., 69.
Benner, C. L., 11.
Benner, T. E., 66.
Bennett, C. W., 34.
Bennett, D. H., 73.
Bennett, E. M., 27.
Bennett, E. R., 16.
Bennett, F. B., 65.
Bennett, F. W., 13.
Bennett, H. J., 47.
Bennett, J. P., 7.
Benson, E., 45.
Benson, H. B., 2.
Bentley, F. L., 64.
Bentley, G. M., 71.
Bentley, J., jr., 52.
Bentley, M. R., 72.
Bentley, W. D., 61.
Benton, A. H., 56.
Benton, T. H., 23.
Beresford, H., 16.
Beresford, R., 21.
Berg, H. A., 18.
Berg, A., 79.
Berg, W. E., 6.
Berger, A., 54.
Bergh, O. I., 40.
Bergman, H. D., 25.
Bergman, H. F., 14.
Bergquist, S. G., 37.
Berly, J. A., 68.
Berry, J. A., 62.
Berry, L. N., 50.
Besley, F. W., 32.
Besse, R. S., 62.
Bessey, E. A., 34.
Bethke, R. M., 59.
Betten, C., 50.
Betten, Mrs. M. S., 52
Bevier, I., 3.
Bewick, T. L., 81.
Bias, J. H., 2.
Bieberdorf, G. A., 61.
Biebricker, A., 58.
Biekart, H. M., 49.
Bierbaum, E. A., 43.
Bierman, H. R., 31.
Biester, A. M., 39.
Biester, C. E., 27.
Biester, H. E., 25.
Bilger, E. M., 14.
Billinghurst, R. A., 46.
Billings, W. A., 39.
Bilsborrow, J. D., 18.
Bilsing, S. W., 72.
Binneweis, E. R., 69.
Binney, T. H., 20.
Binzel, C. E., 51.
Bioletti, F. T., 7.
Birch, H. A., 67.
Bishop, F. F., 72.
Bishop, H. A., 27.
Bishop, H. G., 48.
Bissell, G. W., II.
Bisson, C. S., 5.
Bitler, R. O., 21.
Bittenbender, H. A., 21.
Bixby, F. L., 46.
Bizzell, J. A., 50.
Bjorka, K., 22.
Black, A. P., 12.
Black, J. D., 38.
Black, J. G., 36.
Black, J. J., 49.
Black, L. M., 48.
Black, M. A., 68.
Black, W. D., 29.
Blacklock, R. W., 12.
Blackman, C. L., 57.
Blackman, L. E., 11.
Blackmon, G. H., 12.

Blackmore, B., 52.
Blackshear, L. E., 13.
Blain, W. L., 1.
Blair, A. W., 48, 49.
Blair, E. C., 54.
Blair, G. B., 46.
Blair, J. C., 18.
Blair, L. A., 72.
Blair, L. W., 70.
Blake, M. A., 48, 49.
Blandford, J. B., 32.
Blasingame, R. U., 65.
Blauser, I. P., 18.
Blazier, F. E., 63.
Bledsoe, P. E., 73.
Bledsoe, R. P., 14.
Bleecker, W. L., 4.
Blinn, P. K., 9.
Blish, M. J., 45.
Bliss, R. K., 21.
Blizzard, W. L., 60.
Blodgett, F. M., 53.
Blodgett, M. C., 8.
Blondell, S., 61.
Blood, H. L., 74.
Bloodgood, D. W., 50.
Bloye, A. I., 20.
Bluford, F. D., 56.
Blum, J. K., 72.
Blundell, A. E., 75.
Boardman, H. S., II, 30.
Boatman, B., 23.
Boatman, J. L., 23.
Bode, I. T., 24.
Bodman, G. B., 39.
Boehr, J. W., 60.
Bogart, M. T., 65.
Boggs, L. C., 3.
Bohannan, C. D., 50.
Bohstedt, G., 59.
Bolender, E. O., 58.
Bollen, W. B., 16.
Bolley, H. L., 56.
Bomberger, F. B., 32.
Bond, J. A., 29.
Bond, M. C., 51.
Bonde, R., 31.
Bonet, J. A., 66.
Bonnen, C. A., 69.
Bonnet, L. O., 7.
Bonslagel, C. J., 4.
Booker, G. L., 75.
Boomer, G. R., 45.
Booth, J. F., 51.
Bopst, L. E., 32.
Borland, A. A. 64.
Borman, E. K., 29.
Borreson, M., 45.
Borst, H. L., 58.
Borthwick, H. A., 5.
Bosard, H. J., 20.
Boss, A., 37.
Boss, W., 38.
Boston, D. E., 68.
Boswell, V. R., 32.
Botkin, C. W., 50.
Botsford, H. E., 53.
Botsford, R. C., 10.
Bouquet, A. G. B., 63.
Bourne, A. I., 33.
Bourne, B. A., 66.
Bourne, R. F., 9.
Bouyoucos, G. J., 37.
Bowden, R. B., 44.
Bowen, I. G., 47.
Bowers, A. M., 63.
Bowers, B. B., 58.
Bowers, F. A., 15.
Bowers, M. D., 32.
Bowles, P. S., 41.
Bowling, L. C., 30.
Bowman, A. E., 82.
Bowman, Mrs. C. B., 82.
Bown, H. I., 23.
Boyce, E. F., 75.
Boyce, S. L., 49.
Boyd, A. E., 65.
Boyd, F. E., 1.
Boyd, T. D., 29.
Boyd, W. L., 39.
Boyden, A. A., 48.
Boyle, J. E., 51.
Boynton, W. H., 8.
Boys, Mrs. J. A., 52.
Bracken, A. F., 74.
Bracken, E., 71.
Bracken, J. R., 65.
Brackett, E. E., 45.
Brackett, R. N., 67.
Bradbury, D., 81.
Bradfield, R., 43.
Bradford, F. C., 36.
Bradford, H. E., 45.
Bradford, W., 13.
Bradlee, T., 75.
Bradley, J. C., 52.
Bradley, L. A., 34.
Bradley, O. E., 77.
Bradley, R. C., 53.
Braman, W. W., 66.
Branaman, G. A., 34.
Branch, F. H., 34.
Brandmeyer, J. D., 57.
Brandt, I. L., 23.
Brandt, Mrs. L. M., 23.
Brandt, P. M., 62.
Branegan, G. A., 44.
Branegan, H. T., 40.
Brann, J. W., 81.
Brannen, C. O., 4.
Brannon, C. H., 55.
Brannon, J. M., 17.
Bransfield, P. E., 34.
Branson, E. B., 42.
Brant, H. J., 80.
Bratley, H. E., 12.
Brauner, V. J., 73.
Brautlecht, L. M., 11.
Bray, C. I., 8.
Bray, Mrs. J. L., 2.
Bray, R. H., 17.
Brayton, H. R., 72.
Breckenridge, M., 18.
Breed, R. S., 54.
Brehm, C. E., 70.
Breithaupt, L. R., 62.
Brekke, J. E., 35.
Brentzel, W. E., 56.
Bressler, R. G., 64.
Bressman, E. N., 62.
Brett, C. E., 66.
Brew, J. D., 51.
Brewbaker, H. E., 37.
Brewer, P. H., 19.
Brewer, S. L., 52.
Brewster, C. M., 77.
Brewster, J. F., 29.
Bridgford, R. O., 40.
Brierley, W. G., 39.
Briggs, G. M., 80, 81.
Briggs, I. A., 3.
Briggs, M., 42.
Brigham, B. L., 16.
Brigham, L. E., 62.
Brightman, M. H., 65.
Brimley, C. S., 55.
Brink, R. A., 81.
Briscoe, C. F., 40.
Briscoe, J. M., 31.
Bristol, R. H., 15.
Britton, W. E., 10.
Broach, W. E., 13.
Brock, W. S., 18.
Brockman, H., 61.
Brodie, A., 15.
Brody, S., 42.
Broedel, H. R., 48, 49.
Broemel, A., 23.
Brokaw, W. H., II, 44.
Brooke, R. O., 72.
Brookins, F. A., 52.
Brooks, A. N., 12.
Brooks, E. C., 54.
Brooks, F. D., 21.
Brooks, F. G., 11.
Brooks, S. D., 41.
Broome, F. H., 71.
Broughton, L. B., 32.
Brouse, E. M., 46.
Brown, Mrs. A. P., 74.
Brown, B. A., 9.
Brown, B. F., 55.
Brown, C. L. (Nev.), 46.
Brown, C. L. (R.I.), 67.
Brown, Carlotta M., 39.
Brown, Clara M., 39.
Brown, C. O., 13.
Brown, E. E., 43.
Brown, E. L., 32.
Brown, E. S., 70.
Brown, F. E., 22.
Brown, F. J., 38.
Brown, F. L., 61.
Brown, G. A., 34.
Brown, G. G., 63.
Brown, H. D., 21.
Brown, H. L., 12.
Brown, H. M., 36.
Brown, I. C., 26.
Brown, J. B., 6.
Brown, J. G., 3.
Brown, L., 41.
Brown, L. A., 29.
Brown, Mrs. L. S., 23.
Brown, M. (N. H.), 47.
Brown, M. (Pa.), 65.
Brown, M. E., 8.
Brown, M-E., 45.
Brown, Mrs. M. M., 71.
Brown, O., 2.
Brown, P. E., 23.
Brown, P. T., 19.
Brown, S. M., 5.
Brown, W. J., 61.
Brown, W. L., 14.
Brown, W. S., 63.
Browne, T. E., 55.
Brownell, S. J., 64.
Brownfield, W. W., 58.
Browning, H. W., 66.
Broyles, W. A., 65.
Brubaker, H. W., 26.
Bruce, Mrs. M., 46.
Bruce, O. C., 32.
Brumley, O. V., 59.
Brundage, A. J., 10.
Bruner, E., 26.
Brunner, J. J., 22.
Brunson, A. M., 25.
Bryan, A. B., 68.
Bryan, E. H., jr., 14.
Bryan, K. V., 20.
Bryan, L. W., 15.
Bryan, O. C., 12.
Bryan, W. E., 3.
Bryant, T. R., 28.
Bryden, C. T., 78.
Bryson, H. R., 26.
Buchanan, C., 2.
Buchanan, D. S., 71.
Buchanan, F. A., 76.
Buchanan, J. H., 22.
Buchanan, R., 79.
Buchanan, R. E., 22.
Buchanan, W. D., 78.
Buchanan, W. M., 68.
Buck, J. P., 72.
Buckley, D. S., 10.
Buckley, M. R., 71.
Buckman, H. O., 50.
Bucknam, R. F., 51.
Buckner, G. D., 28.
Buckton, L. V., 23.
Buechel, F. A., 72.
Buehrer, T. F., 3.
Buie, T. S., 67.
Bulger, R. D., 70.
Bull, I. F., 51.
Bull, M. L., 39.
Bull, S., 17.
Bullard, J. F., 28.
Bullis, D. E., 62.
Bunnell, C. E., 3.
Burch, J. W., 41.
Burd, J. S., 5.
Burdick, H., 66.
Burdick, R. T., 8.
Burg, A. G., 40.
Burge, C. A., 21.
Burger, O. F., 12.
Burgess, Mrs. I. M., 31.
Burgess, P. S., 3.

Burkart, F. L., 15.
Burke, A. D., 60.
Burke, E., 44.
Burke, V., 77.
Burkey, L. A., 77.
Burkhart, W. C., 14.
Burkholder, C. L., 21.
Burkholder, W. H., 53.
Burleigh, T. D., 13.
Burleson, D. J., 4.
Burlison, W. L., 16.
Burnam, A., 28.
Burnett, E. A., II, 44.
Burnett, J. E., 35.
Burnett, L. C., 23.
Burnett, W. L., 9.
Burnham, C. R., 81.
Burnham, S. H., 51.
Burns, A. E., 63.
Burns, F. W., 1.
Burns, G. P., 75.
Burns, R. H., 82.
Burr, W. H., 26.
Burr, W. W., 44.
Burrage, C. H., 29.
Burrell, B. I., 39.
Burrell, R. C., 57.
Burrington, W. D., 35.
Burrows, J. A., 22.
Burruss, J. A., 75.
Burson, S., 13.
Burt, F. A., 72.
Burt, J. H., 27.
Burt, K. L., 35.
Burton, G. W., 1.
Burton, S. S., 38, 40.
Burwash, G., 75.
Burwash, M. G., 19.
Burwell, L. L., 68.
Busby, A. T., 41.
Bushey, A. L., 69.
Bushnell, J. W., 60.
Bushnell, L. D., 26.
Bushnell, T. M., 21.
Bussell, F. P., 53.
Butcher, F. D., 25.
Butler, C. B., 52.
Butler, F. R., 33.
Butler, J., 58.
Butler, L. W., 24.
Butler, O. R., 47.
Butterfield, H. M., 6.
Butterfield, K. L., 34.
Butters, M., 48.
Butterworth, J. E., 51.
Button, F. C., 48, 49.
Butts, G. S., 53.
Bux, J. H., 4.
Byer, E , 43.
Byers, M. D., 35.
Byrne, C. D., 69.

Cady, E. L., 22.
Cady, L. C., 16.
Cagle, L. R., 76.
Cain, C. B., 41.
Cain, C. E., 40.
Caine, A. B., 21.
Caine, G. B., 74.
Caldis, P. D., 7.
Caldwell, A. B., 69.
Caldwell, G. T., 3.
Calhoun, F. H. H., 67.
Call, I. J., 51.
Call, L. E., 25.
Callahan, E., 58.
Callan, S., 52.
Callaway, M., 13.
Callenbach, E. W., 65.
Callinder, D. A., 11.
Calloway, C. J., 2.
Callward, F. M., 75.
Calvert, S., 42.
Calvin, J. C., 33.
Cameron, S. H., 7.
Cammack, M. L., 3.
Cammack, W. A., 2.
Camp, A. F., 12.
Camp, W. R., 6.
Campbell, E., 13.
Campbell, E. G., 19.
Campbell, E. T., 52.
Campbell, I. W., 77.
Campbell, J., 32.
Campbell, J. P., II, 13.
Campbell, L. G., 47.
Campbell, Mrs. L. H., 35.
Campbell, M. H , 17.
Campbell, R., 31.
Campbell, T. M., 2.
Campbell, W. A., 71.
Campbell, W. W., 5.
Canan, R. D., 20.
Cance, A. E., 33.
Canfield, H., 36.
Canfield, J. J., 22.
Cannon, H., 10.
Canon, H., 52.
Carbery, J. L., 67.
Card, C. G., 36.
Card, D. G., 28.
Card, L. E., 17.
Cardinell, H. A., 36.
Cardon, P. V., 74.
Carey, G. L., 76.
Carley, M., 42.
Carlson, J. W., 74.
Carlyle, E. C., 72.
Carmichael, B. E., 31.
Carncross, J. W., 49.
Carnes, A., 1.
Carpenter, C. E., 9.
Carpenter, D. C., 54.
Carpenter, J. W., jr., 40
Carpenter, M. C., 34.
Carpenter, O. L., 73.
Carpenter, R. W., 32.
Carr, R. G., 35.
Carr, R. H., 19.
Carrero, J. O., 66.
Carrick, C. W., 21.
Carrick, D. B., 53.
Carrick, L. L., 56.
Carrigan, J. E., 75.
Carrington, W. H., 82.
Carroll, G. W., 40.
Carroll, W. E., 17.
Carroll, W. R., 17.
Carson, E. L., 61.
Carson, M., 82.
Carter, C. E., 42.
Carter, D. G., 4.
Carter, E. G., 73.
Carter, G. G., 21.
Carter, L. M., 13.
Carter, W. T., 73.
Cartwright, O. L., 68.
Carver, G. W., 2.
Carver, J. S., 78.
Carver, W. A., 12.
Cary, C. A., 1, 2.
Cary, C. E., 39.
Case, H. C. M., 18.
Case, L. A., 63.
Case, L. I., 76.
Cashen, D. J., 26.
Cassel, L. W., 78.
Casselberry, R. D., 65.
Cassidy, M. H., 33.
Castetter, E. F., 22.
Castro, J., 15.
Catalá, J. V., 66.
Cathcart, C. S., 49.
Cavanaugh, G. W., 51.
Cave, H. W., 26.
Caveness, H. L., 55.
Cavert, W. L., 37.
Cessna, R. B., 23.
Chace, E. P., 65.
Challey, A. M., 56.
Chamberlain, F. W., 37.
Chamberlain, J. S., 33.
Chamberlin, J. C., 6.
Chamberlin, W. J., 62.
Champe, M. H., 77.
Champlin, P., 48.
Chandler, W. H., 7.
Chandler, W. L., 37.
Chaney, M. S., 39.
Chapin, A. S., 70.
Chapman, C., 13.
Chapman, C. J., 81.
Chapman, C. W., 36.
Chapman, C. W. L., 31.
Chapman, I. N., 26.
Chapman, J. E., 56.
Chapman, N., 14.
Chapman, N. E., 39.
Chapman, N. R., 38.
Chapman, O. W., 22.
Chapman, P. J., 52.
Chapman, P. W., 13.
Chappell, B. L., 63.
Chappell, V. D., 62.
Charles, F. G., 58.
Cheney, L. J., 20.
Chenoweth, W. W., 34.
Chesnutt, S. L., 1.
Cheyney, E. G., 38.
Child, A. M., 39.
Child, H. J., 61.
Childers, L. E., 69.
Childs, A. A., 65.
Childs, L., 63
Childs, R. R., 13.
Chiles, S. H., 42.
Chipman, M. E., 14.
Chittenden, A. K., 36.
Chittenden, D. W., 41.
Christ, J. H., 16.
Christensen, F. W., 56.
Christensen, J. J., 39.
Christie, A. W., 7.
Christie, G. I., 19.
Christopher, W. N., 29.
Chrysler, M. A., 47.
Chung, H. L., 15.
Chupp, C., 53.
Church, E., 57.
Church, L., 23.
Churchill, B. R., 36.
Churchill, F. G., 23.
Churchill, G. W., 53.
Churchill, O. O., 56.
Claassen, P. W., 52.
Clapp, S. C., 56.
Claridge, F. H., 55.
Clarihew, M., 11.
Clark, A. J., 35.
Clark, A. W., 54.
Clark, C. E., 33.
Clark, C. W., 4.
Clark, E., 47.
Clark, F. M., 17.
Clark, F. R., 47.
Clark, I. F., 42.
Clark, J. H., 48, 49.
Clark, J. S., 30.
Clark, K. A., 31.
Clark, L., 15.
Clark, L. D., 6.
Clark, M., 19.
Clark, M. G., 41.
Clark, N. A., 22.
Clark, O., 2.
Clark, O. L., 33.
Clark, O. M., 61.
Clark, S. P., 3.
Clark, W. E., 46.
Clark, W. W., 81.
Clarke, W. T., 7.
Clausen, R. E., 7.
Clayton, C., 35.
Clayton, C. B., 74.
Clayton, E. E., 54.
Clayton, E. P., 41.
Clayton, J. P. H., 41.
Claytor, Mrs. B., 72.
Clegg, W. A., 13.
Cleland, S. B., 38.
Clemens, L. I., 36.
Clements, H. F., 35.
Cleveland, C. R., 20.
Clevenger, C. B., 82.
Clevenger, W. L., 55.
Cline, J. A., 42.
Clinton, G. P., 10.
Clum, H. H., 66.
Clutter, J. A., jr., 71.
Clyde, A. W,, 23.
Clyde, G. D. 74.

Coates, C. E., 29.
Cobb, A. D., 11.
Cobb, E. M., 31.
Cobb, J. S., 64.
Cobb, W. B., 54.
Cobleigh, W. M., 44.
Cochran, G. W., 61.
Cochran, R. L., 21.
Cochrane, G., 15.
Cochrane, T. J., 79.
Cocke, R. P., 76.
Cody, M. D., 12.
Coe, F. M., 45.
Coe, M. H., 25, 26.
Coen, B. F., 8.
Coffey, J. S., 57.
Coffey, W. C., 37.
Coffin, R. G., 8.
Coffman, L. D., 37.
Coggin, W. B., 76.
Coggins, C. L., 67.
Coglon, R. B., 42.
Colbert, T. J., 45.
Colburn, F. E., 27.
Colby, A. S., 18.
Cole, H. L., 77.
Cole, J. B., 76.
Cole, L. J., 81.
Cole, Mrs. M. G., 57.
Cole, W. C., 74.
Cole, W. R., 34.
Coleman, B. A., 68.
Coleman, D. H., 71.
Coleman, I. L., 13.
Coleman, J. M., 12.
Coleman, T. A., 20.
Coles, E. H., 27.
Coles, J. V., 42.
Collentine, A. O., 80.
Collier, L., 13.
Collings, G. H., 67.
Collins, E. V., 23.
Collins, F. H., 26.
Collins, J., 2.
Collins, J. L., 7.
Collins, W. O., 13.
Collison, R. G., 53.
Colman, H. N., 62.
Colt, F. M., 49.
Colver, C. W., 26.
Colwell, R. H., 79.
Combs, W. B., 38.
Comin, D., 60.
Comish, N. H., 62.
Compere, H., 6.
Compton, L. E., 19.
Conant, G. E., 4.
Conant, R., 15.
Condit, I. J., 7.
Cone, W., 16.
Conn, H. J., 54.
Connaway, J. W., 43.
Connell, W. B., 64.
Conner, A. B., 71.
Connor, S. D., 21.
Connors, C. H., 48, 49.
Conover, J. A., 31.
Conrad, C. M., 32.
Conrad, J. P., 5.
Conrey, G. W., 59.
Converse, B., 24.
Converse, E. C., 27.
Conway, W. T., 50.
Cook, D. S., 53.
Cook, H. A., 15.
Cook, H. O., 34.
Cook, L. E., 55.
Cook, M. T., 66.
Cook, W. C., 44.
Cooke, C. E., 39.
Cooke, D. A., 15.
Cooley, E. B., 63.
Cooley, E. C., 58.
Cooley, R. A., 44.
Cooley, R. B., 19.
Coon, B. I., 45.
Coon, C. J., 76.
Coon, M. B., 18.
Coons, G. H., 35.
Cooper, F. L., 8.
Cooper, H. P., 50.
Cooper, J. F., 12.
Cooper, J. R., 4.
Cooper, M. E., 69.
Cooper, O. C., 60.
Cooper, T. P., II, 28.
Coover, W. F., 22.
Cope, J. A., 52.
Cope, R. P., 77.
Copeland, J. T., 40.
Copeland, L., 69.
Copley, T. L., 76.
Copson, G. V., 62.
Corbett, L. S., 30.
Corbett, R. A., 57.
Corbett, R. B., 67.
Corbould, M. K., 59.
Cordley, A. B., 62.
Cork, F. O., 40.
Corkins, C. L., 82.
Cormany, C. E., 36.
Cornell, F. D., jr., 79.
Cornman, C. T., 76.
Correll, E. R., 41.
Coruthers, J., 30.
Cory, E. N., 32.
Cory, V. L., 72, 73.
Coryell, J., 52.
Cosby, H. E., 63.
Cosby, S. W., 5.
Cotner, F. B., 44.
Cotner, J. B., 54.
Cotter, R. U., 82.
Cotterman, H. F., 32.
Couey, W. G., 56.
Coulter, J. L., II, 56.
Coulter, S., 19.
Courtney, W. D., 63.
Covault, C. H., 25.
Covell, M. R., 31.
Coville, P., 24.
Covington, N. G., 2.
Cowan, E. W., 12.
Cowan, R. M., 36.
Cowart, R., 40.
Cowell, A. W., 65.
Cowen, T. N., 2.
Cowgill, H. J., 62.
Cowles, H. T., 66.
Cowles, I. F., 27.
Cowles, M. L., 81.
Cowsert, W. C., 40.
Cox, H. R., 48.
Cox, J. F., 36.
Coyne, S. E., 67.
Crabb, G. A., 13.
Craft, W. A., 60.
Craig, R. A., 21.
Craig, W. T., 50.
Crain, L. D., 8.
Cramer, A. J., 80.
Cramer, W. F., 23.
Crammond, R. G., 17.
Crampton, G. C., 33.
Crandall, C. S., 18.
Crandall, F. K., 66.
Crandall, L. B., 10.
Crandall, W. G., 68.
Crandall, W. T., 51.
Crane, A. B., 78.
Crane, A. G., II, 82.
Crane, D., 79.
Crane, F. H., 17.
Crane, G. B., 58.
Crane, H. L., 79.
Cranor, K. T., 23.
Cratty, R. I., 22.
Crawford, C. H., 60.
Crawford, C. V., 68.
Crawford, C. W., 17.
Crawford, D. L., 14.
Crawford, E. M., 70.
Crawford, G. L., 72.
Crawford, J. C., 55.
Crawford, R. F., 50.
Crawford, R. P., 45.
Crawford, W. R., 31.
Cray, R. E., 58.
Creech, B. F., 79.
Creel, C. W., 46.
Creel, D. W., 19.
Cresap, Mrs. I. K., 12.
Creswell, E. V., 13.
Creswell, M. E., 13.
Crews, A. P., 2.
Cribbs, W. C., 35.
Crigler, N. B., 3.
Crim, R. F., 37.
Crisler, O. S., 43.
Crist, J. W., 36.
Crocheron, B. H., 5.
Crockett, W. H., 75.
Croll, H. M., 18.
Cromer, C. O., 64.
Cromer, S. S., 20.
Crooks, N., 71.
Crosby, C. R., 52.
Crosby, D. J., 52.
Cross, F., 9.
Cross, F. B., 61.
Crossman, J. S., 36.
Crouch, W. E., 16.
Crouley, Mrs. R. U., 39.
Crowe, L. K., 45.
Crowley, D. J., 78.
Crown, R. M., 12.
Croy, O. C., 58.
Cruess, W. V., 7.
Crum, L. V., 24.
Crumley, J. J., 59.
Crutchfield, C. L., 15.
Cubbon, M. H., 64.
Cuff, E. L., 11.
Culbertson, C. C., 21.
Culbertson, J. L., 77.
Cullinan, F. P., 21.
Cummings, M. B., 75.
Cunningham, Mrs. A. P., 76.
Cunningham, C. C., 20.
Cunningham, G. V., 13.
Cunningham, J. C., 24.
Cunningham, O. C., 50.
Cunningham, W. S., 3.
Cureton, M. I., 1.
Curie, I. H., 59.
Curran, H. R., 51.
Currence, T. M., 79.
Currin, R. E., 68.
Currin, R. E., jr., 56.
Curry, A. S., 50.
Curtis, A. W., 80.
Curtis, H. E., 29.
Curtis, O. F., 51.
Curtis, P. B., 21.
Curtis, R. S., 55.
Curtis, R. W., 53.
Curtis, W. C., 43.
Curtiss, C. F., 21.
Cushman, E. M., 45.
Cushman, H. E., 43.
Cutler, J. S., 59.
Cutler, N. L., 52.
Cutler, W. L., 34.
Cutright, C. R., 59.

Daane, A., 60.
Dadisman, A. J., 79.
Dadisman, S. H., 82.
Dahl, A. von B., 14
Dahl, H. E., 65.
Dahlberg, A. C., 53.
Dahle, C. D., 64.
Dailey, A., 16.
Dakan, E. L., 58.
Dakin, M. E., 10.
Dalbey, N. E., 26.
Dale, H. C., 16.
Dale, J. O., 14.
Dalrymple, G. B., 33.
Dalton, L. A., 50.
Damel, J. W., 43.
Damon, S. C., 66.
Dana, B. F., 78.
Dancy, C. E., 74.
Daniel, D. M., 54.
Daniels, H. E., 68.
Darlington, H. T., 35
Darlow, A. E., 60.
Darnell, A. L., 71.
Darrow, W. H., 10.
Darst, W. H., 54.

Davenport, R. L., 30.
Davidson, A. P., 26.
Davidson, F. A., 17.
Davidson, J. B., 23.
Davis, A. R., 5.
Davis, C. C. (Okla.), 61.
Davis, C. C. (S. C.), 68.
Davis, C. D., 25.
Davis, D. E., 8.
Davis, E. C., 30.
Davis, E. E., 61.
Davis, E. G., 53.
Davis, E. M., 42.
Davis, F., 6.
Davis, G., 61.
Davis, G. E., 24.
Davis, H. L., 63.
Davis, H. P., 45.
Davis, I. G., 10.
Davis, I. P., 68.
Davis, J. J., 20.
Davis, J. W., 80.
Davis, L. D., 21.
Davis, L. E., 56.
Davis, L. V., 13.
Davis, Mrs. M. M., 76.
Davis, P. O., 1.
Davis, R., 82.
Davis, R. L., 66.
Davis, R. N., 3.
Davis, W., 41.
Davis, W. A., 54.
Davis, W. E., 26.
Davis, W. H., 33.
Davis, W. J., 14.
Davison, E., 23.
Davison, J. E., 42.
Day, A. M., 82.
Day, E. J., 65.
Day, F. D., 32.
Day, J. W., 12.
Day, L. H., 7.
Day, O. A., 21.
Day, R. T., 23.
Dayton, R. B., 54.
Dean, A. L. (Hawaii), 14.
Dean, A. L. (Va.), 76.
Dean, F. W., 58, 59.
Dean, G. A., 26.
Dean, H. K., 63.
Dean, J. M., 41.
Dearing, C., 56.
Dearing, E. L., 25.
Dearstyne, R. S., 55.
Deatrick, E. P., 79.
Deatrick, L. B., 76.
Deats, M. E., 66.
DeBaun, R. W., 48, 49.
DeBusk, E. F., 12.
DeCamp, J. C., 36.
Decker, J. L., 7.
Decker, M., 49.
Decker, S. W., 19.
Deeley, M. E., 27.
Deering, A. L., 31.
DeForest, F. R., 72.
DeGroft, G. M., 60.
Delez, A. L., 37.
DeLong, D. M., 59.
DeLong, G., 57.
del Valle, M. A., 66.
Delwiche, E. J., 80, 82.
Demeritt, D. B., 31.
Deming, G. W., 8.
Denison, F. C., 15.
Dennis, F. H., 53.
Dennis, W. V., 64.
Dennison, H. L., 15.
Denniston, Mrs. D. R., 81.
Denny, J. A., 5.
Denson, W. P., 29.
Dent, D. S., 73.
Dent, J. G., 38.
de Ong, E. R., 6.
DePew, H. F., 47.
Derbigny, I. A., 77.
de Regt, A. C., 48.
Derieux, J. B., 55.
De Rose, Mrs. A. H., 27.
De Rose, H. R., 26.
Derrick, J. W., 14.
Derrick, W. W., 45.
DesJournette, H., 77.
Detjen, L. R., 11.
Detmers, F., 59.
De Turk, E. E., 17.
DeVault, G. G., 64.
DeVault, S. H., 32.
Dewey, G., 50.
Dexter, A. J., 69.
Dexter, J., 44.
DeYoung, W., 43.
de Zeeuw, R., 35.
Diaz, M. R., 66.
Dice, J. R., 56.
Dickens, A., 27.
Dickens, D., 41.
Dickens, K. L., 19.
Dickerson, H. G., 73.
Dickey, J. A., 4.
Dickey, J. B. R., 64.
Dickinson, L. S., 34.
Dickinson, S., 42.
Dickson, J. G., 81.
Dickson, R. E., 73.
Dickson, W. F., 50.
Didlake, M. LeG., 28.
Dietrich, K. S., 39.
Diggs, C. H., 24.
Dike, C. E., 59.
Dikmans, G., 66.
Dillingham, F. T., 14.
Dillon, Mrs. N. B., 73.
Dimock, W. W., 28.
Dinwiddie, M. D., 76.
Dirks, C. O., 20.
Dixon, A. A., 55.
Dixon, B., 9.
Doan, F. J., 64.
Dobbins, R. A., 57.
Dobbs, E. C., 2.
Dobbs, E. M., 8.
Dobbs, J. S., 27.
Dodd, D. R., 79.
Dodge, B. F., 81.
Dodge, R. E., 10.
Dodson, E. M., 7.
Dodson, W. R., II, 29, 30.
Doermann, M. C., 48.
Dole, E. J., 75.
Dolve, M. A., 69.
Donald, J. S., 80.
Donham, C. R., 63.
Donma, K. W. G., 2.
Donnell, O. G., 56.
Donnelly, A. M., 58.
Doppel, A. A., 10.
Doran, E. B., 30.
Doran, W. L., 33.
Dorchester, C. S., 23.
Dore, W. H., 5.
Dorner, H. B., 19.
Dorsey, E., 53.
Dorsey, H., 9.
Dorsey, L. M., 30.
Dorsey, M. J., 19.
Dosdall, L., 39.
Dossin, C. O., 10.
Doten, S. B., 46.
Dougherty, J. E., 8.
Douglass, A., 39.
Douglass, E., 8.
Dow, B. K., 10.
Dowdle, L. P., 13.
Dowdy, G., 58.
Dowdy, W. V., 13.
Dowell, A. A., 37.
Dowell, C. T., 60.
Dowell, S., II, 1.
Dowler, J. F., 58, 59.
Down, E. E., 36.
Downey, U. J., 57.
Downing, P., 31.
Downs, P. A., 45.
Dozier, C. C., 74.
Dozier, H. L., 11.
Dozier, M. L., 65.
Drain, B. D., 34.
Drain, H. D., 58.
Drake, C. J., 25.
Dreesen, W. H., 62.
Dreibelbis, F. R., 59.
Driftmier, R. H., 26.
Driggers, B. F., 49.
Drinkard, A. W., jr., 75.
Drollinger, P. H., 24.
DuBord, E., 36.
DuBos, R. J., 48.
Dudley, V., 2.
Duecker, W. W., 22.
Duffee, F. W., 80.
Duggar, J. F., 2.
Dukes, H. H., 25.
Duley, F.L., 25.
Dumas, I. L., 71.
Dummeier, E. F., 78.
Dumont, W. H., 49.
Dunbar, B. A., 69.
Duncan, H. R., 70.
Duncan, J. R., 36.
Duncan, L. N., 1.
Dunford, C. S., 35.
Dungan, G. H., 17.
Dunham, D. H., 19.
Dunham, R. S., 40.
Dunkle, P. B., 73.
Dunlap, T. E., 66.
Dunn, L. C., 10.
Dunn, S., 22.
Dunnam, E. W., 68.
Dunnewald, T. J., 82
Dunning, F., 39.
Dunshee, C. F., 6
Dunshee, M. E., 42.
Dunton, L., 27.
Durant, A. J., 43.
DuRant, A. L., 67.
Durham, H., 27.
Durrell, L. W., 8.
Duruz, W. P., 7.
Durward, M. E., 8.
DuSault, D. D., 16.
Dusham, E. H., 65.
Dustman, R. B., 79
Dutcher, R. A., 64
Duthie M. E., 53.
Dutton, W. C., 36.
Duval, A., 15.
Dvorachek, H. E., 4.
Dworak, M., 56.
Dyas, E. S., 23.
Dye, M., 36.
Dyer, W. P., 38.
Dykstra, R. R., 27.
Dynes, O.W., 70.

Eames, A. J., 51.
Easson, R. B., 8.
Easter, E. C., 1.
Eastman, M. G., 46.
Eastwood, G. R., 58
Eaton, T. H., 51.
Eaton, W. H., 1.
Ebersole, A., 71.
Ebling, W. H., 82.
Eckles, C. H., 38.
Eddy, C. O., 68.
Eddy, G. C., 8.
Eddy, H. G., 6.
Eddy, J., 1.
Edgar, R. H., 22.
Edgerton, C. W, 29.
Edgington, B. H., 59.
Edlefsen, N. E., 74
Edmond, J. B., 36.
Edmonds, J. L., 17
Edmondson, C. H., 14.
Edwards, A. D., 2.
Edwards, B., 72.
Edwards, C. W., 14
Edwards, F. M., 63
Edwards, F. R., 14.
Edwards H., 66.
Edwards, L. S., 70.
Edwards, P. R., 28.
Edwards, W. E. J., 34.
Edwards, W. G., 65.
Efferson, H. M., 13.
Eheart, J. F., 76.
Einset, O., 54.

Eke, P. A., 79.
Elcan, G., 76.
Elder, C., 82.
Elder, M., 24
Eldridge, J. C., 23.
Ellenberger, H. B., 75.
Ellenwood, C. W., 60.
Ellett, W. B., 76.
Elling, C. G., 25.
Ellington, E. V., 77.
Elliott, E. C., II, 19.
Elliott, Mrs. J., 71.
Elliott, M. A., 78.
Elliott, N. R., 28.
Elliott, W. D., 22.
Ellis, B. W., 9.
Ellis, D. G., 16.
Ellis, H., 7.
Ellis, O. I., 17.
Ellison, W. M., 66.
Ellithorpe, R. W., 60.
Ellsworth, J. O., 74.
Elmer, O. H., 22.
Elmer, R., 22.
Elser, W. L., 50.
Elting, E. C., 42.
Elvehjem, C. A., 80.
Elwell, B., 82.
Ellwell, G. B., 24.
Elwood, C. F., 7.
Elwood, P. H., jr., 24.
Ely, F., 21.
Emack, E., 32.
Emahiser, R. N., 77.
Emberson, R. H., 42.
Embleton, H., 3.
Embody, G. C., 52.
Emerson, D., 32.
Emerson, P., 23.
Emerson, R. A., 53.
Emery, H. M., 47.
Ende, C. L. von, 16.
Enders, H. E., 19.
Endres, A. A., 17.
Engbretson, A. E., 63.
Engle, E. B., 44.
English, L., 50.
Englund, Mrs. A. J. L., 27.
Englund, E., 26.
Enlow, C. R., 25.
Ensign, M. R., 12.
Eppel, A. I., 39.
Epple, W. F., 20.
Eppley, G. F., 31.
Erb, E. S., 64.
Erdman, H. E., 6.
Erdman, L. W., 23.
Erf, O., 58.
Erickson, T. A., 38.
Erikson, S., 29.
Erwin, A. T., 24.
Espe, D. L., 21.
Esplin, A. C., 73.
Essary, S. H., 70.
Essig, E. O., 6.
Estabrook, H., 55.
Esten, W. M., 9.
Estill, H. W., 3.
Eswine, H. E., 58.
Etheridge, W. C., 42.
Eubank, M. E., 80.
Evans, A. T., 69.
Evans, B. V., 41.
Evans, E. B., 73.
Evans, E. N., 19.
Evans, H. McL., 5.
Evans, M., 26.
Evans, R. W., 65.
Evans, S. C., 72.
Evans, S. W., 68.
Evaul, E. E., 49.
Everett, G. A., 52.
Evvard, J. M., 21.
Ewell, E., 35.
Ewing, D. T., 35.
Eyster, W. H., 31.

Fabian, F. W., 37.
Fader, Mrs. F., 11.
Fagan, F. N., 65.
Fain, J. R., 13.
Fairbanks, A. B., 75
Fairbanks, B. W., 8.
Fairbanks, F. L., 51.
Fairbanks, J. P., 6.
Fairchild, L. H., 20.
Falconer, J. I., 58, 59.
Faneuf, L. J., 49.
Fant, G. W., 55.
Fargo, J. M., 80.
Farley, A. J., 48, 49.
Farley, D. C., 69.
Farley, G. L., 34.
Farnham, F. R., 55.
Farnsworth, H. F., 64.
Farquharson, J., 9.
Farr, J. L., 29.
Farrall, A. W., 6.
Farrand, L., 50.
Farrar, M. D., 70.
Farrell, F. D., 25.
Farrell, H., 73.
Farrington, E. H., 80.
Fasten, N., 63.
Faulkner, J. G., 70.
Faures, Mrs. M., 30.
Faurot, F. W., 43.
Faust, F., 24.
Faust, H., 7.
Fawcett, C. J., 33.
Fawcett, H. S., 7.
Fay, A. C., 26.
Featherly, H. I., 60.
Fecht, E. F., 27.
Fedde, M. S., 45.
Feeley, R. O., 68.
Feighner, L. W., 36.
Feldman, E. B., 74.
Feldman, W. H., 9.
Fellers, C. R., 34.
Feltner, J. M., 28.
Felton, F. E., 33.
Felton, R. A., 53.
Fenger, J. A., 40.
Fenner, L. M., 67.
Fenton, F., 52.
Fenton, F. A., 68.
Fenton, F. C., 23.
Fergus, E. N., 28.
Ferguson, C. M., 36.
Ferguson, F. E., 24.
Ferguson, H. C., 40.
Ferguson, I. W., 8.
Ferguson, J. A., 65.
Fernald, H. T., 33.
Fernandes, G., 61.
Fernow, K. H., 53.
Ferrin, E. F., 37.
Ferris, E. B., 41.
Ferriss, E. N., 51.
Ferry, E. S., 21.
Fetrow, W. W., 60.
Feurestenau, W., 70.
Fieger, E. A., 30.
Field, A. M., 38.
Field, W. D., 34.
Filley, H. C., 45.
Filley, W. O., 11.
Findley, L. J., 58.
Finlayson, H. C., 57.
Finn, W. G., 28.
Finnell, H. H., 60.
Firkins, B. J., 23.
Firor, G. H., 14.
Firor, J. W., 13.
Fish, E. E., 28.
Fisher, H. J. (Conn.), 10.
Fisher, H. J. (Minn.), 39.
Fisher, M. C., 24.
Fisher, M. J., 53.
Fisher, M. L., 19.
Fisher, W. I., 53.
Fisk, V. C., 22.
Fisk, W. W., 51.
Fiske, F. C., 75.
Fiske, J. G., 47, 49.
Fitch, C. L., 24.
Fitch, C. P., 39.
Fitch, F. W., 13.
Fitch, J. B., 26.
Fitch, N. K., 18.
Fitch, W. Q., 20.
Fite, A. B., 50.
Fitschen, F., 29.
Fitterer, J. C., 82.
Fitts, E. B., 64.
Fitzgerald, M., 61.
Fitzgerald, N. E., 70.
Fitzpatrick, H. M., 53.
Fix, A. A., 66.
Flack, M. L., 45.
Flanery, C. C., 70.
Flaningham, N. K., 20.
Flansburgh, E. A., 52.
Flaten, A., 57.
Fleenor, B. H., 26.
Fleming, C. E., 46.
Fleming, J. R., 58.
Fletcher, E. D., 47.
Fletcher, L. J., 6.
Fletcher, R. K., 72.
Fletcher, S. W., 65.
Floyd, A., 2.
Floyd, E. M., 3.
Floyd, E. Y., 54.
Floyd, W. L., 12.
Fluharty, L.W., 6.
Fluke, C. L., 81.
Flynn, J. E., 53.
Fogg, H. C., 47.
Fogle, F. E., 35.
Foker, A. M., 40.
Foley, M. E., 34.
Folger, A. H., 5.
Folk, J. B., 21.
Folsom, D., 31.
Foord, J. A., 34.
Foote, C. C., 27.
Forbes, A., 15.
Forbes, D. A., 71.
Forbes, Mrs. D. A., 71
Forbes, D. M. L., 15.
Forbes, E. B., 66.
Forbes, W. T. M., 52.
Ford, A. L., 69.
Ford, C. M., 18.
Ford, G., 43.
Ford, O. W., 21.
Foresman, G. K., 19.
Forman, L. W., 23.
Forney, E., 1.
Forrest, E., 44.
Forsberg, A. B., 35.
Forster, G. W., 55.
Fortier, S., 6.
Foster, J. D., 28.
Foster, L. G., 58, 59.
Foster, Mrs. L. M., 46.
Foster, M. T., 41.
Foster, R. G., 46.
Foulkrod, G. M., 65.
Fourt, D. L., 16.
Foust, H. L., 57.
Fouts, E. L., 20.
Fowlds, M., 69.
Fowler, G. R., 78.
Fowler, J. R., 30.
Fox, C. E., 65.
Fox, F. E., 63.
Fox, H. D., 45.
Frame, B. H., 42.
Frame, H. C., 22.
Frame, N. T., 79.
Francioni, J. B., 29.
Francis, M., 73.
Francis, M. D., 35.
Frandsen, J. H., 33.
Frandsen, P., 46.
Frank, A., 78.
Frank, E. R., 17.
Frank, G., 80.
Frank, M., 45.
Franke, K. W., 38.
Franklin, H. J., 34.
Franklin, R., 30.
Franzke, C. J., 69.
Fraps, G. S., 72.
Fraser, A. C., 53.
Fraser, A. G., 77.
Fraser, W. J., 17.
Frazier, Mrs. D., 61.
Frazier, J. S., 14.

Frazier, M. V., 2.
Frear, D. W., 42.
Freas, R., 30.
Fred, E. B., 80.
Fredell, G. H., 78.
Frederick, H. J., 74.
Freeborn, S. B., 6.
Freeman, E. M., 37.
Freeman, J. F., 28.
Freeman, V. A., 34.
French, A. P., 34.
French, Mrs. M. H., 48.
French, R.B., 66.
Friant, R. J., 24.
Frick, E. J., 27.
Friedemann, W. G., 14.
Friend, R. B., 10.
Friend, W. H., 73.
Frier, G. M., 20.
Fries, J. A., 66.
Frisbie, L. I., 45.
Fristoe, H. W., 30.
Fritchoff, A. G., 63.
Fritz, E., 7.
Frodsham, J., 43.
Fromme, F. D., 76.
Frost, H. B., 7.
Frost, P. A., 65.
Frost, S. W., 65.
Frost, W. D., 80.
Frost, W. S., 47.
Fry, J. M., 65.
Fudge, B. R., 47.
Fujimoto, G., 14.
Fuller, E. A., 75.
Fuller, F. D., 72.
Fuller, G. L., 13.
Fuller, J. G., 80.
Fuller, J. M., 47.
Fuller, O. M., 57.
Fulmer, E. I., 22.
Fulton, B. B., 25.
Funchess, M. J., 1.
Funnell, A. M., 12.
Futrall, J. C., 4.

Gabbard, L. P., 72.
Gabrielson, M. L., 24.
Gaddis, L. R., 20.
Gaessler, W. G., 22.
Gage, G. E., 34.
Gail, F. W., 15.
Gain, M. J., 62.
Gaines, E. F., 78.
Gaines, F., 73.
Gaines, N. W., 45.
Gaines, W. L., 17.
Gainey, P. L., 26.
Gainey, W. C., 72.
Gallagher, H. J., 35.
Gallatin, O., 3.
Galloway, J. C., 22.
Galloway, M., 4.
Galloway, Z. L., 28.
Gallup, G., 78.
Gallup, W. D., 60.
Gamble, J. D., 36.
Gamble, M. E., 20.
Gambrell, F. L., 54.
Gandy, J. M., 77.
Gannon, E. A., 20.
Gannon, F., 24.
Garard, I. D., 48.
Garber, R. J., 79.
Garcia, F., 50.
Garcia, R. F., 66.
Gard, N. A., 29.
Gardiner, M. T., 68.
Gardner, A. K., 30.
Gardner, F. D., 64.
Gardner, G. G., 57.
Gardner, G. R., 77.
Gardner, H. A., 1.
Gardner, J. S., 29.
Gardner, L. P., 30.
Gardner, M. N., 52.
Gardner, M. W., 19.
Gardner, V. R., 36.
Gardner, W., 74.
Gardner, W. A., 1.
Garey, L. F., 37.
Garlock, F. L., 22.
Garlock, H. M., 41.
Garman, H., 28.
Garman, P., 10.
Garner, C. A., 19.
Garnett, W. E., 76.
Garnjobst, L., 63.
Garren, G. M., 54.
Garrett, V. I., 78.
Garrigus, H. L., 9.
Garside, M. S., 28.
Garst, H. O., 50.
Garvey, M. E. M., 34.
Garvin, A. L., 58.
Gaskill, E. F., 34.
Gasser, G. W., 3.
Gaston, T. L., jr., 72.
Gatchell, D. K., 1.
Gates, C. E., 18.
Gates, F. C., 26.
Gates, T. B., 48.
Gates, W. H., 30.
Gault, L. V., 29.
Gaumnitz, E. W., 38.
Gauntt, E. A., 48.
Gauntt, F., 49.
Gay, C. W., 57.
Gay, L., 14.
Gaylord, F. C., 21.
Gearhart, C. R., 64.
Geddes, C. C., 38.
Gee, E. A., 35.
Geib, H. V., 29.
Geib, W. J., 81.
Geiger, B. J., 8.
Geise, F. W., 32.
Gelbach, R. W., 77.
Gemmell, G. A., 26.
Gentner, L. G., 35.
Gentry, C. B., 10.
Gentry, C. C., 8.
Genung, A. B., 51.
George, G. D., 39.
George, L. R., 21.
Georgeson, C. C., 3.
Gerber, R., 60.
Gerdel, R. W., 59.
Gerhardt, F., 22.
Gericke, W. F., 5.
Gerlaugh, P., 57.
Gershoy, A., 75.
Getman, G. A., 36.
Gettemy, W. S., 36.
Getty, R. E., 27.
Gibbons, E. H., 72.
Gibbons, S. H., 2.
Gibbs, W. M., 15.
Gibson, A. W., 50.
Gibson, H. H., 62.
Gibson, I. G., 42.
Giddings, N. J., 79.
Giese, H., 23.
Gieseker, L. F., 43.
Giesen, Mrs. M. B., 41.
Gifford, W., 79.
Gilbert, A. H., 75.
Gilbert, B. E., 67.
Gilbert, E. M., 81.
Gilbert, Mrs. S., 71.
Gilbertson, G., 70.
Gilchrist, D. A., 3.
Gildow, E. M., 47.
Gile, B. M., 38.
Giles, J. K., 13.
Gilkey, H. M., 62.
Gillette, C. P., 8.
Gilligan, G. M., 33.
Gillis, M. C., 19.
Gillison, B., 68.
Gilman, H., 22.
Gilman, J. C., 22.
Gilman, V. D., 44.
Gilmer, P. M., 50.
Gilmor, G., 59.
Gilmore, J. W., 5.
Gilmore, W. J., 62.
Giltner, W., 37.
Ginsburg, J. M., 48, 49.
Girrbach, G., 35.
Girton, R. E., 5.
Gist, F. W., 2.
Gladwin, F. E., 54.
Glasgow, H., 54.
Glass, J. S., 45.
Glatfelter, G. V., 33.
Glazener, V. R., 71.
Gleason, F., 12.
Gleiser, F., 63.
Glenn, M. A., 2.
Glick, H. N., 33.
Glover, A. C., 16.
Glover, G. H., 9.
Gloyer, W. O., 54.
Gobble, C. F., 19.
Godbey, E. G., 67.
Goddard, H. M., 79.
Godkin, J., 76.
Goeder, F. P., 9.
Goff, R. A., 15.
Goldstein, H. I., 39.
Goldstein, V., 39.
Gooch, M. E., 31.
Good, E. S., 28.
Good, H. G., 2.
Goodale, B. E., 67.
Goodding, T. H., 44.
Goode, B. L., 68.
Goodell, C. J., 40.
Goodling, C. L., 65.
Goodman, A. M., 51.
Goodner, K. H., 66.
Goodspeed, H. C., 4.
Goodwin, G. W., 2.
Goodwin, L. M., 32.
Goodwin, M. R., 75.
Goodwin, P. H., 28.
Gordon, A. H., 68.
Gordon, C. E., 34.
Gordon, C. H., 70.
Gordon, G. E., 6.
Gordon, H. H., 54.
Gordon, M. A., 40.
Gordon, N. E., 32.
Gordon, W. R., 64.
Gorham, E. R., 39.
Gorman, N. D., 57.
Gortner, R. A., 38.
Goss, A., 21.
Goss, E. F., 22.
Goss, H., 5.
Goss, J. F., 69.
Goss, L. W., 59.
Goss, R. B., 20.
Goss, R. W., 45.
Goss, W. G., 20.
Gott, E. J., 29.
Gottschalck, C. A., 56.
Gourley, J. H., 60.
Gowen, J. W., 31.
Graber, L. F., 80.
Graeber, R. W., 55.
Graham, J. C., 33.
Graham, J. M., 11.
Graham, K. H., 12.
Graham, R., 17.
Graham, R. E., 65.
Graham, S. A., 38.
Graham, V., 72.
Graham, W F., 20.
Gramlich, H. J., 45.
Grams, W. T., 51.
Granovsky, A. A., 81.
Grant, E. A., 2.
Grant, G. A., 65.
Grantham, G. M., 37.
Gratz, L. O., 12.
Graue, E., 51.
Graul, E. J., 81.
Gravitt, W. T., 2.
Gray, D. M., 65.
Gray, D. S., 23.
Gray, D. T., II, 4.
Gray, E. R., 18.
Gray, G., 45.
Gray, G. F., 11.
Gray, J., 12.
Gray, J. M., 55.
Gray, T. D., 79.
Greaves, J. E., 73.
Green, E. H., 1.
Green, E. L., 77.

Green, F. M., 9.
Green, R. M., 26.
Green, R. W., 55.
Green, S. W., 41.
Green, T. C., 59.
Green, W. W., 76.
Greenbank, W. K., 59.
Greene, J. G., 45.
Greene, L., 20.
Greene, M., 15.
Greene, P. S., 31.
Greene, S. S., 40.
Greenlees, A. L., 48.
Gregg, J. W., 7.
Gregory, C. T., 19.
Gregory, H. W., 20.
Gregory, R. W., 20.
Griebel, Mrs. C. H., 48.
Griffee, F., 60.
Griffin, E. D., 21.
Griffin, F. L., 6.
Griffith, J. P., 66.
Grimes, J. C., 1.
Grimes, M. F., 64.
Grimes, W. E., 26.
Grindley, H. S., 17.
Grinnells, C. D., 55.
Griswold, D. J., jr., 56.
Griswold, G. H., 52.
Groendyke, F., 49.
Gromer, S. D., 42.
Grose, L. R., 34.
Groseclose, H. C., 76.
Gross, D. L., 44.
Gross, E. R., 48, 49.
Gross, I. H., 36.
Gross, L. G., 53.
Grossley, H. B., 11.
Grossley, R. S., 11.
Grossman, E. F., 12.
Grossman, J. D., 59.
Groth, A. H., 71.
Grout, G. P., 71.
Grover, E. L., 35.
Guard, W. F., 25.
Guba, E. F., 33.
Guerrant, N. B., 60.
Guerrero, F. B. L., 14.
Guerrero, J., 14.
Guilbert, H. R., 5.
Guise, C. H., 52.
Gulledge, J. R., 56.
Gullickson, T. W., 38.
Gumbart, E. H., 10.
Gunderson, L. E., 46.
Gunn, K. B., 18.
Gunness, C. I., 33.
Gunns, C. A., 27.
Gustafson, A. F., 50.
Guthrie, D. V., 30.
Guthrie, E. S., 51.
Guthrie, J. E., 25.
Guthrie, M. J., 43.
Guthrie, M. L., 71.
Guyton, F. E., 2.
Gwyn, L. C., 77.
Haag, J. R., 38.
Haas, A. J., 82.
Haas, A. R. C., 5.
Haban, E., 55.
Haber, E. S., 24.
Haber, V. R., 65.
Hackedorn, H., 77.
Hackleman, J. C., 17.
Haddon, F. C., 15.
Hadley, E. E., 60.
Hadley, F. B., 82.
Haedecke, A., 37.
Haegele, R. W., 16.
Haenseler, C. M., 47, 49.
Hafner, V. E., 73.
Haggart, M. H., 23.
Hague, F. S., 63.
Haig, F. M., 55.
Haigh, L. D., 42.
Haight, Mrs. K. B., 63.
Hale, F., 71.
Hale, Mrs. H. E., 71.
Hale, L., 29.
Hale, R. F., 31.
Hale, W. J., 71.
Hale, W. M., 81.
Haley, D. E., 64.
Halgrim, A., 69.
Hall, A. R., 42.
Hall, C., 71.
Hall, D. H., jr., 67.
Hall, E. B., 72.
Hall, E. E., 68.
Hall, E. W., 69.
Hall, F. H., 54.
Hall, G. O., 53.
Hall, H. E., 14.
Hall, H. G., 20.
Hall, H. W., 30.
Hall, I. F., 51.
Hall, M. L., 20.
Hall, O. F., 20.
Hall, R. A., 73.
Hall, S. W., 19.
Hall, W. F., 65.
Haller, F. W., 65.
Halligan, C. P., 36.
Hallman, E. T., 37.
Hallsted, A. L., 27.
Halma, F. F., 5.
Halpin, J. G., 81.
Halversen, W. V., 62.
Halverson, J. O., 55.
Ham, O., 63.
Hamblin, A. P., 80.
Hamiel, G. R., 50.
Hamilton, C. C., 48, 49.
Hamilton, D. W., 77.
Hamilton, E. B., 10.
Hamilton, H. G., 12.
Hamilton, J. G., 4.
Hamilton, J. M., 44.
Hamilton, J. O., 27.
Hamilton, R. W., 67.
Hamilton, T. S., 17.
Hamilton, W. S., 49.
Hamlin, H. M., 23.
Hamlin, M., 34.
Hammans, C. W., 58.
Hammer, B. W., 22.
Hammer, J. G., 21.
Hammond, L. K., 46.
Hammond, R. E., 35.
Hammond, W. E., 21.
Hamner, A. L., 41.
Hampton, L. E., 21.
Hance, J. H., 72.
Hand, W. F., 40.
Hanger, W. E., 58.
Hanna, L. C., 2.
Hannah, J. A., 36.
Hannas, R. R., 49.
Hansen, A. A., 19.
Hansen, D., 44.
Hansen, E., 74.
Hansen, E. N., 45.
Hansen, J. M., 23.
Hansen, N. E., 69.
Hansen, T. S., 40.
Hanson, E. A., 38.
Hanson, F. P., 18.
Hansson, F., 15.
Haralson, F. E., 40.
Hardenburg, E. V., 53.
Hardies, E. W., 69.
Hardin, L. J., 67.
Hardman, G., 46.
Hare, C. L., 1.
Hargrove, S. L., 61.
Haring, C. M., 8.
Harlan, J. D., 53.
Harlan, M. L., 20.
Harland, M. B., 17.
Harling, Mrs. E. P., 25.
Harman, K. G., 42.
Harman, M. T., 27.
Harman, S. W., 54.
Harmer, P. M., 37.
Harmison, H. A., 22.
Harmon, E. M., 42.
Harms, A. H., 28.
Harnden, E. E., 61.
Harned, H. H., 40.
Harned, R. W., 41.
Harper, C., 19.
Harper, C. H., 71.
Harper, E. H., 72.
Harper, H. J., 60.
Harper, L. J., 29.
Harper, M. W., 51.
Harper, W. L., 23.
Harrar, N. J., 8.
Harrill, L. R., 55.
Harrington, F. M., 44.
Harrington, M. T., 72.
Harriott, J. F., 51.
Harris, A. E., 1.
Harris, C. E., 28.
Harris, D., 29.
Harris, J. A., 55.
Harris, M. H., 74.
Harris, R. J., 56.
Harris, R. T., 80.
Harris, V. A., 27.
Harris, W. J., 28.
Harrison, A. K., 34.
Harrison, F., 78.
Harrison, T. B., 70.
Harrison, W. B., 56.
Harriss, S. M., 26.
Harshaw, H. M., 42.
Hart, E. B., 80.
Hart, G. H., 8.
Hart, H., 39.
Hart, J. C., 14.
Hart, V. B., 51.
Harter, W. L., 22.
Hartley, C. H., 79.
Hartman, G., 82.
Hartman, H., 63.
Hartman, L. W., 46.
Hartman, S. C., 60.
Hartmann, C., jr., 63.
Hartsuch, B. E., 35.
Hartwell, B. L., II, 66.
Hartwell, R. A., 75.
Hartzell, F. Z., 54.
Harvey, A. L., 38.
Harvey, E. M., 63.
Harvey, H. W., 14.
Harvey, R. B., 39.
Harvey, S. H., 31.
Harwood, N. D., 27.
Haseman, L., 42.
Haskell, S. B., II, 33.
Haskins, H. D., 33.
Hasselman, J. B., 36.
Hassenzahl, E. O., 19.
Hastings, E. G., 80.
Haston, C. D., 60.
Haswell, J. R., 65.
Hatch, D. L., 57.
Hatch, K. L., 81.
Hatchette, M. L., 77.
Hathaway, C. L., 28.
Hauge, S. M., 19.
Hauser, M. A., 23.
Hausman, L. A., 48.
Hauter, L. H., 50.
Havner, H. H., 64.
Hawker, H. W., 73.
Hawkins, E. M., 44.
Hawkins, J. R., 67.
Hawkins, R. S., 3.
Hawley, I. M., 74.
Hawley, R. D., 34.
Hawthorn, H. B., 22.
Hawthorn, L. R., 54.
Hay, W. D., 44.
Hayden, A., 22.
Hayden, C. C., 59.
Hayes, A., 22.
Hayes, F. M., 8.
Hayes, H. K., 37.
Hayes, J. B., 81.
Hayes, R. W., 9.
Hayes, W. W., 2.
Haymaker, H. H., 26.
Haynes, C. D., 68.

Haynes, E., 80.
Hays, F. A., 33.
Hays, J. G., 35.
Hays, W. V., 55.
Hazeltine, D. M., 27.
Hazen, L. E., 61.
Hazen, W., 67.
Headden, W. P., 8.
Headlee, T. J., 48, 49.
Headley, F. B., 46.
Heald, F. D., 78.
Healy, D. J., 28.
Hean, C. S., 82.
Heard, C. E., 72.
Hearne, C. C., 42.
Heaton, V. E., 25.
Heck, A. F., 78.
Heck, C. M., 55.
Heckert, L. C., 22.
Hedden, O. K., 8.
Hedges, C. C., 72.
Hedges, H., 45.
Hedrick, U. P., 54.
Hedrick, W. O., 35.
Heebink, G., 69.
Hegnauer, L., 78.
Heim, R. W., 11.
Hein, M. A., 17.
Heinicke, A. J., 52.
Heitshu, D. C., 76.
Helder, A. H., 27.
Helfenbein, H. F., 71.
Helm, C. A., 42.
Helme, N., 67.
Helmick, B. C., 30.
Helmreich, F. H., 69.
Helser, M. D., 21.
Helyar, F. G., 47, 49.
Helyar, J. P., 33.
Helz, G. E., 80.
Hemenway, A. F., 3.
Hemenway, C. F., 14.
Hemmer, C. W., 20.
Hendershott, R. A., 59.
Henderson, E. W., 43.
Henderson, H. J., 77.
Henderson, H. O., 79.
Henderson, R., 81.
Hendrickson, A. H., 7.
Hendrickson, C. I., 10.
Hendrickson, Mrs. G. I., 10.
Hendrix, W. R., 29.
Hendry, G. W., 5.
Henke, L. A., 14.
Henning, G. F., 59.
Henning, J. C., 53.
Henning, W. L., 64.
Henricksen, H. C., 66.
Henry, A. W., 39.
Henry, M. F., 52.
Hensel, F. W., 73.
Hensley, H. C., 42.
Henson, E. R., 23.
Hepburn, W. M., 21.
Hepler, J. R., 47.
Hepner, F. E., 82.
Hepperly, A. K., 45.
Heppner, M. J., 7.
Hepworth, M. M., 16.
Herbert, P. A., 36.
Herms, W. B., 6.
Herrick, G. W., 52.
Herring, G. C., 76.
Herrington, B. L., 44.
Herrington, G. L., 70.
Herrod, R., 71.
Hertz, H. F., 23.
Herzer, F. H., 40.
Hesler, L. R., 70.
Hess, B. W., 70.
Hetzel, R. D., II, 46.
Heukelekian, H., 49.
Heuser, G. F., 53.
Hewitt, E. A., 39.
Hewitt, P. M., 61.
Heyle, E. M., 42.
Hibbard, B. H., 80.
Hibbard, P. L., 5.
Hibbard, R. P., 35.
Hickman, A., 36.
Hickman, C. W., 15.
Hicock, H. W., 11.
Hienton, T. E., 20.
Hieronymus, R. E., 18.
Higgins, B. B., 14.
Higgins, D. E., 47.
Higgins, F. L., 37.
Higgins, L. A., 40.
Higgins, M. V., 82.
Highwarden, B. J., 68.
Hilburn, B., 40.
Hildreth, A. C., 39.
Hill, C. E., 78.
Hill, C. O., 70.
Hill, D. D., 25.
Hill, E. B., 37.
Hill, H. H., 76.
Hill, H. S., 31.
Hill, I. G., 2.
Hill, J. A., 82.
Hill, J. B., 64.
Hill, R. L., 74.
Hilligass, C. L., 42.
Hillman, V. R., 26.
Hills, J. L., II, 75.
Hillstrom, E. G., 81.
Hilyer, V., 13.
Hinds, N. E. A., 5.
Hinds, W. E., 30.
Hines, J. S., 59.
Hines, Mrs. W. L., 67.
Hinkle, C. P., 57.
Hinkley, J., 45.
Hinman, R. B., 51.
Hinote, J., 42.
Hinshaw, W. R., 26.
Hinze, F. C., 22.
Hirst, C. T., 74.
Hitchcock, E. A., II.
Hitchner, E. R., 31.
Hite, B. C., 62.
Hitt, J. W., 43.
Hixon, R. M., 22.
Hoagland, D. R., 5.
Hobart, I. M., 39.
Hobbs, C. W., 27.
Hobbs, E., 73.
Hobbs, W. R., 59.
Hobson, L. G., 20.
Hodges, J. A., 26.
Hodgkins, Mrs. W. H., 71.
Hodgkiss, H. E., 65.
Hodgson, R. E., 40.
Hodgson, R. W., 7.
Hodsden, B. M., 76.
Hoerner, J. L., 9.
Hoesly, O. M., 82.
Hoffarth, J., 36.
Hoffer, C. R., 36.
Hoffer, G. N., 19.
Hoffman, A. H., 6.
Hoffman, I. C., 21.
Hoffman, L. E., 20.
Hoffman, M. R., 36.
Hoffman, W. F., 38.
Hoffmann, G. P., 68.
Hogan, A. G., 42.
Hogenson, J. C., 73.
Hohn, W. L., 72.
Hoke, S., 25.
Holben, F. J., 64.
Holbert, J. C., 21.
Holdaway, C. W., 75.
Holden, E. D., 80.
Holden, J. A., 46.
Holland, C. S., 58.
Holland, E. B., 33.
Holland, E. O., 77.
Holleman, M. P., jr., 73.
Hollen, E. E., 52.
Hollister, S. P., 10.
Holloway, K. L., 4.
Holman, A., 27.
Holman, R. M., 5.
Holmes, C. L., 22.
Holmes, F. S., 32.
Holmes, L. V., 24.
Holmes, M. L., 51.
Holmes, S. P., 41.
Holsinger, C. V., 24.
Holst, W. F., 8.
Holt, B. A., 38.
Holton, E. L., 26.
Holtz, H. F., 78.
Honey, E. E., 78.
Honeycutt, A. J., 55.
Honeywell, H. E., 64.
Hood, G. R., 3.
Hook, A. M., 32.
Hooker, H. D., jr., 43.
Hooker, P. K., 75.
Hooper, J. J., 28.
Hooper, S. W., 57.
Hooper, W. B., 7.
Hootman, H. D., 36.
Hoover, M. M., 79.
Hopkins, A. W., 81.
Hopkins, Edwin F., 51.
Hopkins, Elizabeth F., 54.
Hopkins, J. A., jr., 22.
Hopkins, J. V., 79.
Hopkins, M., 29.
Hopper, H. A., 51.
Hopper, T. H., 56.
Hoppert, C. A., 80.
Hoppert, E. H., 45.
Horat, L. E., 21.
Horlacher, L. J., 28.
Horlacher, W. R., 72.
Horne, C. E., 66.
Horne, W. T., 7.
Horner, J., 15.
Horner, J. T., 35.
Horsfall, H. M., 79.
Horst, H. E., 58.
Horton, L. M., 39.
Horton, M. F., 72.
Hosking, F. J., 72.
Hoskins, E. R., 51.
Hoskins, W. M., 46.
Hosmer, R. S., 52.
Hostetler, E. H., 55.
Hotchkiss, W. S., 73.
Hottes, A. C., 58.
Hottes, C. F., 17.
Hough, W. S., 76.
Houk, W. G., 69.
House, E. B., 8.
Houser, J. S., 59.
Hoverstad, A. T., 37.
Hovis, W. A., 43.
Howard, J. T., 33.
Howard, L. R., 42.
Howard, W. L., 5, 7.
Howarth, J. A., 78.
Howe, A., 20.
Howe, C. H., 26.
Howe, F. B., 50.
Howe, G. H., 54.
Howe, W. F., 34.
Howell, C. E., 5.
Howell, L. D., 60.
Howell, W. C., 40.
Howes, H. L., 47.
Howey, M. O., 78.
Howlett, F. S., 60.
Hoyle, S. C., 73.
Hoyt, E. E., 24.
Hoyt, H. R., 60.
Hubbard, B., 65.
Huber, H. F., 47, 49.
Huber, L. L., 59.
Hubert, B. F., 2.
Hubert, E. E., 16.
Huberty, M. R., 6.
Hucker, G. J., 54.
Huckett, H. C., 54.
Huddleson I. F., 37.
Huddlestun, B., 18.
Hudelson, R. R., 18.
Hudson, C. R., 55.
Hudson, R. S., 37.
Huelsen, W. A., 19.
Huffman, C. F., 35.
Huffman, E. L., 81.
Huggins, B. E., 47.
Hughes, E. H., 5.
Hughes, H. D., 23.
Hughes, J. L., 10.

Hughes, J. S., 26.
Hughes, O., 36.
Hughes, W. L., 72.
Hulbert, A. M., 48.
Hulbert, H. W., 15.
Hull, F. E., 28.
Hull, M., 30.
Hull, W. W., 40.
Hullihen, W., 11.
Hultz, F. S., 82.
Humbert, E. P., 72.
Hume, A. N., 69.
Hummel, B. L., 42.
Humphrey, G. C., 80.
Humphrey, J. E., 28.
Humphrey, S. S., 57.
Hungerford, C. W., 16.
Hunt, C. H., 59.
Hunt, H. R., 37.
Hunt, L. W., 78.
Hunt, R. E., 75.
Hunt, T. F., 5.
Hunt, T. Fr., 7.
Hunt, W. E., 31.
Hunt, W. R., 10.
Hunter, F. B., 52.
Hunter, H. A., 32.
Hunter, J. E., 42.
Hunter, J. H., 67.
Hunter, Mrs. M. E. V., 73.
Hunter, M. M., 36.
Hurd, C. J., 62.
Hurd, E. B., 22.
Hurd, L. M., 53.
Hurst, F. J., 41.
Hurt, Mrs. L., 2.
Hurt, R. H., 76.
Huskins, E. B., 69.
Hussey, F., 70.
Huston, H., 58.
Huston, R. C., 35.
Hutchens, Mrs. H. M., 70.
Hutcheson, J. R., II, 75.
Hutcheson, T. B., 75, 76.
Hutchinson, J., 19.
Hutchison, A. E., 44.
Hutson, R., 49.
Huttar, J. C., 53.
Hutton, C. A., 70.
Hutton, J. G., 69.
Hutton, J. P., 37.
Hyde, Mrs. B. E., 9.
Hyde, J. S., 37.
Hyde, L. S., 22.
Hyland, F., 36.
Hypes, J. L., 10.
Hyslop, G. R., 62.

Ibsen, H. L., 25.
Iddings, E. J., 15.
Iddings, H. G., 76.
Iddings, N., 39.
Ikeler, K. C., 73.
Ikenberry, G. J., 56.
Iler, W. D., 28.
Iles, L. M., 20.
Ilg, C., 49.
Ilg, Mrs. G., 39.
Imlah, Mrs. H. W., 31.
Ince, J. W., 67.
Ingalls, E. L., 75.
Ingalls, I., 57.
Ingham, I. M., 78.
Ingham, L. W., 31.
Ingram, D., 44.
Irish, J. H., 7.
Irons, M. L., 35.
Irvin, C. J., 64.
Irving, D. F., 71.
Irwin, K. G., 8.
Irwin, M. R., 23.
Isbell, C. L., 2.
Isely, D., 4.
Israelsen, O. W., 74.
Iverson, C. A., 22.
Ivey, J. E., 1.

Jackman, E. R., 62.
Jackson, A. D. (N. H.), 47.
Jackson, A. D. (Tex.), 73.
Jackson, C. F., 47.
Jackson, H., 14.
Jackson, H. L., 67.
Jackson, H. S., 19.
Jackson, L. A., 57.
Jackson, M., 28.
Jackson, M. B., 71.
Jackson, S. C., 41.
Jackson, S. K., 54.
Jackson, T. H., 29.
Jackson, V. T., 12.
Jacob, H. E., 7.
Jacob, M., 70, 71.
Jacobs, N. B., 78.
Jacobsen, E. A., 18.
Jacobson, L. O., 3.
Jacobson, M. G., 38.
Jacobson, W. E., 82.
Jaffa, M. E., 7.
Jager, F., 38.
James, C., 47.
James, C. M., 19.
James, J. A., 80.
James, R. W., 80.
Jamison, F. S., 73.
Jamison, H. E., 17.
Jamison, N. C., 62.
Jardine, J. T., II, 62.
Jarnagin, M. P., 13.
Jason, W. B., 43.
Jefferies, J. H., 12.
Jeffers, D. S., 24.
Jefferson, L. P., 33.
Jeffords, S. L., 67.
Jeffrey, A. A., 42.
Jeffries, C. D., 66.
Jehle, R. A., 32.
Jenkins, E. G., 32.
Jenkins, E. H., 10.
Jenkins, E. W., 75.
Jenkins, J. M., 30.
Jenks, F. B., 75.
Jennings, B. A., 51.
Jennings, D. S., 73.
Jennison, H. M., 70.
Jensen, A. E., 62.
Jensen, F. W., 72.
Jensen, H., 78.
Jensen, I. J., 43.
Jensen, K., 16.
Jensen, W. C., 67.
Jerdan, A. L., 70.
Jernigan, W. J., 4.
Jesness, O. B., 28.
Jeter, F. H., 55.
Jewett, H. H., 28.
Jewett, R. M., 31.
Joffe, J. S., 48.
Johannsen, O. A., 52.
Johnakin, M., 68.
Johnson, A. B., 16.
Johnson, Mrs. A. E., 73.
Johnson, A. G., 63.
Johnson, A. H., 44.
Johnson, Mrs. B. M., 41.
Johnson, C. C., 78.
Johnson, C. E., 38.
Johnson, C. G. H., 8.
Johnson, D. R., 23.
Johnson, E. (Ark.), 4.
Johnson, E. (Iowa), 24.
Johnson, E. C. (Ky.), 28.
Johnson, E. C. (Wash.), 77.
Johnson, E. H., 72.
Johnson, E. M., 28.
Johnson, G. E., 27.
Johnson, H. E., 37.
Johnson, Mrs. H. F., 68.
Johnson, H. S., 41.
Johnson, J., 81.
Johnson, M. E., 4.
Johnson, M. S., 38.
Johnson, N. W., 78.
Johnson, O., 38.
Johnson, O. N., 81.
Johnson, O. R., 42.
Johnson, R. E., 10.
Johnson, R. F., 15.
Johnson, S. A., 8, 9.
Johnson, S. E., 44.
Johnson, T. C., 76, 77.
Johnson, T. W., 57.
Johnson, W. T., 63.
Johnston, C. N., 6.
Johnston, C. O., 26.
Johnston, E. S., 32.
Johnston, H., 1.
Johnston, P. E., 18.
Johnston, R. E., 69.
Johnston, S., 37.
Johnston, T. R., 20.
Jolly, J. H., 30.
Jones, A., 58.
Jones, A. D., 55.
Jones, Mrs. A. H., 24.
Jones, B. C., 72.
Jones, C. D., 49.
Jones, C. H., 75.
Jones, C. P., 33.
Jones, C. R. (Colo.), 9.
Jones, C. R. (W Va.), II,
Jones, D. C., 61.
Jones, D. F., 11.
Jones, D. L., 73.
Jones, E., 58.
Jones, E. B., 43.
Jones, E. H., 57.
Jones, E. R., 80.
Jones, F. D., 70.
Jones, F. R., 72.
Jones, H. A., 7.
Jones, H. D., 1.
Jones, H. M., 69.
Jones, H. W., 71.
Jones, I. R., 62.
Jones, J. C., 52.
Jones, J. M., 71.
Jones, J. O., 13.
Jones, J. P., 33.
Jones, J. S., 62.
Jones, J. W. (Calif.), 6.
Jones, J. W. (Ky.), 28.
Jones, K., 81.
Jones, K. D., 7.
Jones, L. K., 54.
Jones, L. R., 81.
Jones, M. D., 31.
Jones, M. E., 48.
Jones, M. L., 21.
Jones, M. M., 42.
Jones, Mrs. M. W., 2.
Jones, Mrs. N. K., 81.
Jones, P., 1.
Jones, R. B., 2.
Jones, R. C., 77.
Jones, R. E., 10.
Jones, R. L., 22,
Jones, R. W. (Ga.), 14.
Jones, R. W. (Ky.), 29.
Jones, S. C., 28.
Jordan, A. O., 41.
Jordan, E. L., 29.
Jordan, H. V., 50.
Jordan, P. S., 40.
Jordan, R., 20.
Jordan, W. E., 55.
Joseph, W. E., 43.
Josephson, H. B., 65.
Journey, R. C., 54.
Juaire, M., 81.
Judge, T., 45.
Judy, P. R., 19.
Jungherr, E., 44.
Justin, M. M. (Ind.), 21.
Justin, M. M. (Kans.), II, 27.

Kadderly, W. L., 62.
Kalkus, J. W., 78.
Kammlade, W. G., 17.
Karper, R. E., 71.
Karraker, A. H., 17.
Karraker, P. E., 28.
Kassell, R., 24.
Kauffman, L. A., 57.
Kaupp, B. F., 55.

Kay, H. B., 63.
Kays, D. J., 57.
Keaney, F. W., 67.
Keaty, C., 30.
Kedzie, R. H., 30.
Keegan, L. A., 66.
Keegan, W. J., 67.
Keen, R. C., 30.
Keene, P. L., 69.
Keener, R. L., 14.
Keever, A. I., 39.
Keffer, C. A., 70.
Keilholz, F. J., 18.
Keim, F. D., 44.
Keim, J. F., 65.
Keiser, L. A., 63.
Keith, E. B., 26.
Keith, M. H., 17.
Keithline, M., 69.
Keitt, G. W., 81.
Kelbert, D. G. A., 12.
Kelk, O. M., 32.
Kell, W. V., 20.
Kellar, V. M., 32.
Kelleher, R. C., 18.
Keller, A. R., 14.
Keller, H., jr., 48, 49.
Keller, L. L., 71.
Keller, V. G., 60.
Kelley, A. P., 47.
Kelley, J. B., 28.
Kelley, J. G., 12.
Kelley, V. W., 19.
Kelley, W. P., 5.
Kellogg, C. E. (Ga.), 13.
Kellogg, C. E. (Mich.), 37.
Kellogg, R. M., 52.
Kelly, A., 26.
Kelly, E. G. (Del.), 11.
Kelly, E. G. (Kans.), 26.
Kelly, J. P., 64.
Kelty, R. H., 35.
Kemp, W. B., 31.
Kempster, H. L., 43.
Kendall, J. C., II, 46.
Kendrick, J. B., 19.
Kendrick, M. S., 51.
Kendrick, Mrs. N. C., 52.
Kendrick, W. H., 79.
Kenestrick, H., 58.
Kennard, D. C., 59.
Kennedy, A. C., 58.
Kennedy, C., 38.
Kennedy, C. H., 59.
Kennedy, G. D., 19.
Kennedy, M. M., 29.
Kennedy, P. B., 5.
Kenney, F. C., 34.
Kenney, H. F., 24.
Kenney, R., 28.
Kent, H. L., II, 50.
Kenworthy, R. W., 70.
Kerlin, I. B., 30.
Kern, F. D., 64.
Kern, O. J., 6.
Kernkamp, H. C. H., 39.
Kerr, A. P., 29.
Kerr, W. J., 62.
Kessler, N. A., 35.
Ketchin, J., 67.
Kettunen, A. G., 35.
Kewley, A., 74.
Kezer, A., 8.
Kiah, T. H., 33.
Kick, C. H., 17.
Kidder, A. F., 29.
Kidder, W., 8.
Kiesselbach, T. A., 44.
Kildare, A. A., 77.
Kildee, H. H., 21.
Kilgore, Mrs. D. H., 24.
Killiam, A., 32.
Killough, D. T., 71.
Kilpatrick, C., 61.
Kilpatrick, E. J., 28.
Kilpatrick, S. L., 14.
Kimball, L., 52.
Kimbrough, W. D., 2.
Kime, R. H., 54.
Kimrey, A. C., 55.
King, A. C., 50.
King, B. M., 42.
King, C., 30.
King, C. M., 22.
King, F., 18.
King, F. G., 19.
King, H. H., 26.
King, R. H., 15.
Kinghorn, I. G., 8.
Kingman, H. E., 9.
Kingsley, F. C., 18.
Kinley, D., 16.
Kinney, E. J., 28.
Kinney, L. F., jr., 67.
Kinnison, A. F., 4.
Kinsella, J. C., 21.
Kipps, M. S., 75.
Kirby, R. S., 64.
Kirby, S. J., 54.
Kirkland, J. B., 52.
Kirkland, K. L., 72.
Kirkpatrick, P., 14.
Kirkpatrick, R. T., 42.
Kirkpatrick, W. F., 10.
Kirkwood, W. P., 39.
Kiser, O. M., 40.
Kiser, R. W., 25.
Kitselman, C. H., 27.
Klages, K. H., 60.
Kleinheinz, F., 80.
Kletzien, S. W. F., 80.
Klingner, M. L., 42.
Klotz, L. J., 7.
Knandel, H. C., 65.
Knapp, B., II, 60.
Knight, B., 34.
Knight, H. G., II, 79.
Knight, H. H., 25.
Knight, P., 32.
Knipe, F. W., 10.
Knoll, F. P., 64.
Knott, H., 74.
Knott, J. C., 77.
Knott, J. E., 53
Knowles, N. S., 23.
Knowles, W. F., 48.
Knowlton, F. L., 63.
Knowlton, H., 34.
Knowlton, H. E., 79.
Knox, C. W., 21.
Knox, J. H., 17.
Knudson, L., 51.
Knutsen, M. H., 64.
Koch, A., 58.
Kochheiser, D. S., 58.
Koeber, J., 6.
Koehler, B., 17.
Koenig, L. A., 72.
Kohl, E. J., 19.
Kohl, L. E., 29.
Kohlmeyer, J. B., 20.
Kohn, F. J., 82.
Kokoski, F. J., 33.
Kolb, J. H., 80.
Kollock, N., 2.
Kolshorn, A. M., 39.
Koon, R. M., 34.
Koonce, D., 8.
Koonce, L. F., 55.
Koritz, L. A., 19.
Koschmann, A. H., 60.
Kostalek, J. A., 16.
Kostir, W. J., 59.
Kotila, J. E., 35.
Kramer, M. M., 27.
Kramer, W. A., 30.
Kramer, W. H., 60.
Krantz, F. A., 39.
Krauss, F. G., 14.
Krauss, W. E., 51.
Krecker, F. H., 59.
Kremer, J. C., 35.
Kremers, L. R., 81.
Kribs, D. A., 39.
Kriss, M., 66.
Kroodsma, R. F., 36.
Krout, W. S., 64.
Krueger, J., 36.
Krum, O. C., 8.
Krum, W. G., 53.
Kruse, P. J., 51.
Krusekopf, H. H., 43.
Kuehn, J. F., 38.
Kuehner, C. L., 81.
Kuenning, A. C., 57.
Kuhlman, A. H., 69.
Kumlien, W. F., 70.
Kunerth, W., 25.
Kuntz, W. A., 12.
Kurtz, L. D., 36.
Kutsunai, Y., 15.
Kyle, E. J., 71, 72.
Kynette, C. M., 2.
Kyzer, E. D., 68.

La Bossier, I., 44.
Lacroix, D. S., 34.
La Croix, M. M., 29.
Ladd, C. E., 50.
Ladd, J. E., 66.
Lafene, B. W., 26.
Lagassé, F. S., 11.
LaGrange, W. F., 22.
La Master, J. P., 67.
Lamb, J., jr., 17.
Lambert, W. V., 23.
Lampman, C. E., 81.
Lamson, G. H., jr., 10.
Lancashire, E. R., 21.
Lancaster, C. A., 2.
Lancaster, Mrs. L. R., 24.
Lancaster, R. R., 72.
Lancelot, W. H., 23.
Landauer, W., 10.
Landis, L., 39.
Landon, I. K., 25.
Landon, Mrs. L. E., 37.
Landrum, L. I., 68.
Lane, F. P., 82.
Lang, A. L., 17.
Lang, C. C., 58.
Langdon, G. E., 81.
Langford, G. S., 9.
Langsford, E. L., 76.
Langston, J. M., 41.
Lanham, W. B., 72.
Lanman, F. R., 58.
Lanphear, M. O., 33.
Lantow, J. L., 50.
Lantz, E. G., 65.
Lantz, H. L., 24.
Larsen, C., 69.
Larsen, J. A., 24.
Larson, A. H., 39.
Larson, C. H., 25.
Larson, G. A., 69.
Larson, R. A., 69.
Lathrop, F. W., 38.
Latshaw, W. L., 26.
Latta, W. C., 20.
Laude, H. H., 25.
Lauman, G. N., 51.
Laurie, A., 36.
Lautenschlager, V. E., 77.
Lavis, C. A., 36.
La Voi, D. H., 40.
Lawrence, W. E., 62.
Laws, L. G., 11.
Lawson, B. C., 18.
Lawson, E. W., 76.
Lawson, J. S., 54.
Lawson, W. W., 2.
Laycock, W. E., 36.
Layton, H. B., 68.
Lazenby, E., 58.
Leach, J. G., 39.
Learn, C. D., 8.
Leaton, L. L., 69.
Leavenworth, C. S., 10.
LeBron, L. C., 1.
LeClerg, E. L., 8.
Lee, A. M., 82
Lee, B. L., 44.
Lee, C. A., 9.
Lee, D. W., 61.
Lee, H. A., 15.
Lee, I. M., 48.
Lee, J. G., jr., 30.
Lee, J. G., sr., 30.
Lee, J. R. E., 13.

Lee, L. L., 49.
Lee, V. P., 72.
Leer, W. E., 19.
Leete, B. E., 59.
Leffelman, L. J., 59.
Lefforge, J. H., 37.
Leggett, H. A. D., 75.
Lehenbauer, P. A., 46.
Lehman, S. G., 55.
Lehmann, E. W., 18.
Leiby, R. W., 55.
Leichsenring, J. M., 39.
Leith, B. D., 80.
Leith, T. B., 79.
Leland, A. W., 12.
Leland, E. D., 36.
Leland, E. W., 50.
Leland, O. M., II.
Leland, T. W., 72.
Lent, B. F., 3.
Lentz, J. B., 34.
Leonard, N. B., 53.
Leonian, L. H., 79.
Lesley, J. W., 7.
Lesley, Mrs. M. M., 7.
Leukel, W. A., 12.
Leuschner, F. H., 32.
Levine, A. A., 77.
Levine, M., 22.
Lewis, A., 16.
Lewis, C. A., 28.
Lewis, E. M., 33.
Lewis, E. P., 19.
Lewis, F. C., 20.
Lewis, I. D., 68.
Lewis, I. P., 60.
Lewis, J. V., 48.
Lewis, L. H., 67.
Lewis, L. M., 63.
Lewis, M. R., 16.
Lewis, M. T., 65.
Lewis, R. D., 53.
Lewis, S. L., 46.
Lewis, W. C., 35.
Lewis, W. P., 47.
Liddell, J. G., 13.
Lienhardt, H. F., 27.
Lightbody, H. D., 35.
Lightbourne, M. D., 35.
Ligon, L. L., 60.
Lill, J. G., 36.
Lincoln, L. B., 47.
Lindgren, H. A., 62.
Lindquist, H. G., 31.
Lindquist, R. M., 24.
Lindsey, G. A., 17.
Lindsey, Mrs. G. D., 72.
Lindsey, J. B., 33.
Lindstrom, E. W., 23.
Linfield, F. B., 43.
Linford, J. H., 74.
Lininger, F. F., 64.
Link, H. F., 28.
Linklater, W. A., 78.
Linn, J. W., 26.
Linton, R. S., 35.
Lipman, C. B., 5.
Lipman, J. G., II, 47, 49.
Lipp, C. C., 70.
Lippincott, W. A., 8.
Lippincott, W. L., 67.
Lipscomb, J. N., 40.
Lisse, M. W., 64.
List, G. M., 9.
Little, C., 39.
Little, E., 48.
Little, V. A., 72.
Littlehale, A. D., 47.
Litwiller, E. M., 27.
Lively, C. E., 58, 59.
Livermore, J. R., 53.
Livesay, E. A., 79.
Livingston, K. C., 41.
Livingston, L. F., 35.
Livingston, R. H., 58.
Lloyd, J. W., 19.
Lloyd, O. G., 20.
Lloyd, W. E., 8.
Lobdell, R. N., 41.
Lockett, J. L., 73.
Locklin, H. D., 78.
Lockwood, W. P. B., 33.
Loeffel, W. J., 45.
Logan, L., 8.
Logan, L. E., 28.
Lohmann, K. B., 19.
Lommel, W. E., 21.
Long, C. L., 63.
Long, G. B., 50.
Long, H. D., 56.
Long, J. D., 6.
Long, L. E., 40.
Long, W. W., 67.
Longley, L. E., 16.
Longwell, J. H., 17.
Longyear, B. O., 9.
Loomis, W. E., 4.
Lopez, F. A., 66.
Lord, E. L., 12.
Loree, R. E., 36.
Lory, C. A., II, 8.
Lothrop, R. E., 62.
Lott, E. H., 44.
Loucks, K. W., 12.
Loudon, Mrs. D. A., 57.
Love, H. H., 53.
Loveland, E. H., 75.
Lowder, M. V., 1.
Lowe, B., 24.
Lowe, P. M., 38.
Lowman, O. E., 22.
Lowry, M. W., 13.
Lowry, P. R., 47.
Lowry, R. B., 70.
Lowry, S. J., 29.
Lubbehusen, R. E., 40.
Lucas, D. B., 48, 49.
Lucas, J. B., 76.
Lucas, P. S., 35.
Luce, M. E., 75.
Luce, W. A., 78.
Luckett, J. D., 54.
Ludwig, C. A., 67.
Lum, R. K., 15.
Lumb, J. W., 27.
Lundberg, M. G., 10.
Lundgren, E., 69.
Lundin, P. G., 36.
Lunn, A. G., 63.
Lunt, H. A., 17.
Lush, J. L., 71.
Lush, R. H., 26.
Lute, A. M., 8.
Luther, E. L., 81.
Lutman, A. S., 75.
Lutman, B. F., 75.
Lutrell, E., 4.
Lutz, R. P., 19.
Lux, E., 45.
Lyford, C. A., 47.
Lyle, F. M., 73.
Lyle, M. S., 63.
Lyle, S. P., 13.
Lyles, T. J., 68.
Lyman, G. R., 79.
Lyman, J. F., 57.
Lynch, G. L., 58.
Lyness, W. E., 44.
Lynn, G. I., 24.
Lyon, H. L., 15.
Lyon, T. L., 50.
Lyons, E. S., 25.

McAdams, A. J., 42.
McAdams, J. H., 27.
McAdams, M. E., 19.
McAdory, I. S., 2.
McAlister, J. T., 67.
McAllep, W. R., 14, 15.
McAlpine, J. G., 9.
McAmis, J. C., 70.
McArthur, L. J., 69.
McBride, C. G., 58, 59.
McBryde, Mrs. M. C., 76.
McCall, A. G., 32.
McCall, L. J., 73.
McCall, T. M., 40.
McCally, R. L., 19.
McCampbell, C. W., 25.
McCann, L. P., 8.
McCann, R., 8.
McCarty, E. C., 8.
McCarty, M. A., 38.
McCaul, B. V., 38.
McChord, R. C., 43.
McCleery, W. L., 15.
McClelland, C. K., 4.
McClelland, J. B., 58.
McClelland, T. B., 66.
McClenahan, B. A., 42.
McClintock, J. A., 71.
McClintock, J. E., 58.
McClure, F. J., 19.
McClure, G. M., 59.
McClymonds, A. E., 16
McCollam, M. E., 78.
McColley, G. A., 40.
McColloch, J. W., 26.
McComb, Mrs. J. D., 62.
McConnell, H. S., 32.
McCool, M. M., 37.
McCord, J. L. E., 64.
McCormick, F. A., 10.
McCormick, R. N., 59.
McCoy, J. E., 78.
McCracken, E. C., 25.
McCue, C. A., 11.
McCuen, G. W., 58.
McCullough, H. E., 18.
McCurdy, J. C., 51.
McDaniel, E. I., 35.
McDole, G. R., 15.
McDonald, C. W., 22.
McDonald, M., 23.
McDonel, K. H., 36.
McDonnell, H. B., 32.
McDowell, M. S., II, 64.
McEldowney, G. A., 15.
McElmurry, L., 27.
McElroy, C. H., 61.
McElroy, J. J., 46.
McFall, R. J., 33.
McFarland, Mrs. F. M., 32.
McFarland, K. H., 39.
McFarland, M. G., 39.
McFeely, A., 39
McGehee, E. L., 5
McGeorge, W. T., 3
McGettigan, F. L., 47.
McGilliard, P. C., 60.
McGinnis, E., 31.
McGinnis, F. W., 37.
McGinty, R. A., 9.
McGlade, Mrs. R. A., 77.
McGowan, M. B., 76.
McGregor, S. E., jr., 72.
McHargue, J. S., 28.
McHatton, T. H., 14.
McHose, W., 24.
McHugh, J. K., 30.
McIlroy, Mrs. C. B., 52.
McIlvaine, T. C., 79.
McIlwain, D. W., 40.
McInerney, T. J., 51.
McIntosh, C. J., 63.
McIntosh, D. C., 72.
McKay, A. B., 41.
McKay, H., 58,
McKay, H. M., 14.
McKay, L. H., 55.
McKay, L. J., 41.
McKay, M. B., 62.
McKee, C., 43.
McKee, J. C., 40.
McKee, M. A., 18.
McKellip, I., 58.
McKenney, G., 28.
McKenzie, F. F., 41.
McKibben, E. G., 6.
McKimmon, Mrs. J. S., 55.
McKinley, B., 12.
McKinley, Mrs. H. V., 20.
McKinney, M., 11.
McKittrick, E. J., 82.

McKittrick, J. E., 17.
McLaughlin, F. A., 33.
McLaughlin, Mrs. H. F. 47.
McLaughlin, H. M., 22.
McLean, F. T., 66.
McLean, H. C., 48, 49.
McLean, J. E., 68.
McLendon, W. F., 14.
McLeod, J. H., 70.
McLeod, W. M., 27.
McMahon, D., 57.
McMahon, J. E., 39.
McMahon, K. L., 20.
McMiller, P. R., 39.
McMullen, E. C., 53.
McMunn, R. L., 19.
McMurray, R. G., 58.
McNair, A. D., 4.
McNall, P. E., 80.
McNamee, H. W., 61.
McNaughton, E. B., 32.
McNeal, W. B., II, 39.
McNeel, W., 81.
McNeil, E. R., 51.
McNess, G. T., 71.
McNulty, S. A., 81.
McNutt, G. W., 25.
McNutt, J. C., 46.
McNutt, S. H., 25,
McPheeters, M. R., 61.
McSpadden, B. J., 70.
McTeer, F. D., 71.
McVeety, Mrs. E., 57.
McVey, F. P., 28.
McWhorter, F. P., 77.
Mabee, W. B., 55.
Maberry, Mrs. E. N., 30.
MacDaniels, L. H., 53.
MacDonald, G. B., 24.
Macdonald, L., 10.
MacDonald, M. B., 70.
Macfarlane, J., 47.
MacGillivray, J. H., 21.
Machlis, J. A., 69.
MacIntire, W. H., 70.
Mack, M. E., 46.
Mack, W. B., 65.
Mackay, B. B., 30.
Mackenzie, P. C., 64.
Mackey, A. K., 71.
Mackie, W. W., 5.
Mackintosh, D. L., 25.
Mackintosh, R. S., 39.
Macklin, T., 80.
Maclay, E. R., 63.
MacLeish, K. C., 80.
MacLeod, G. F., 65.
MacMillan, W. B., 65.
Macpherson, H., 62.
Macy, H., 38.
Madison, L. C., 64.
Madson, B. A., 5.
Maeser, S., 74.
Magarian, M. C., 14.
Magee, L. G., 24.
Magill, E. C., 76.
Magill, W. W., 29.
Magnuson, H. P., 16.
Magruder, R., 60.
Mahan, C. A., 28.
Mains, E. B., 19.
Mairs, T. I., 65.
Major, H. F., 43.
Mallman, W. LeR., 37.
Mallon, M. G., 20.
Malmsten, H. E., 7.
Malone, R. E., 5.
Manchester, A. W., 10.
Maneval, W. E., 42.
Maney, T. J., 24.
Mangels, C. E., 56.
Mangelsdorf, P. C., 11.
Manhart, V. C., 20.
Manley, P. C., 76.
Mann, A. R., 50.
Mann. H. B., 54.
Manning, H., 81.
Manning, W. E., 51.
Manns, T. F., 11.
Mansfield, H. L., 80.
Manter, H. W., 30.
Manter, J. A., 10.
Manuel, M. E., 77.
Marble, L. M., 65.
Marcovitch, S., 71.
Maris, P. V., II, 62.
Markin, F. L., 81.
Marks, W. A., 5.
Markuson, M. J., 33.
Markwell, E. D., 61.
Marlatt, A. L., II.
Marlatt, C. L., II, 81.
Marlatt, L. H., 13.
Marlow, H. W., 26.
Marquardt, J. C., 53.
Marsh, H. V., 67.
Marsh, Mrs. J. L., 80.
Marsh, R. S., 19.
Marshall, C. E., 34.
Marshall, E. J., 27.
Marshall, H. C., 76.
Marshall, L., 29.
Marshall, R. E., 36.
Marston, H. W., 25.
Martin, A. C., 55.
Martin, A. S., 21.
Martin, A. W., 16.
Martin, C. W., 31.
Martin, E. (Ark.), 4.
Martin, E. (Nebr.), 45.
Martin, E. F., 73.
Martin, F. D., 19.
Martin, G. E., 61.
Martin, H. M., (Ala.), 1.
Martin, H. M. (Nebr.), 46.
Martin, J. C., 5.
Martin, James H., 29.
Martin, Jos. H., 28.
Martin, J. N., 22.
Martin, J. P., 15.
Martin, L. (Md.), 33.
Martin, L. (Mo.), 42.
Martin, M. E. (Ala.), 2.
Martin, M. E. (Ind.), 20.
Martin, R. E., 71.
Martin, S. P., 2.
Martin, T. T., 42.
Martin, V. G., 40.
Martin, W. H. (Kans.), 26.
Martin, W. H. (N. J.), 47, 49.
Martin, W. P., 27.
Martin, W. R., jr., 27.
Martindale, E. D., 40.
Marvin, C. H., 3.
Marvin, G. E., 81.
Mason, A. F., 48.
Mason, C. J., 9.
Mason, C. R., 65.
Mason, E. F., 16.
Mason, E. L., 10.
Mason, M. A., 24.
Mason, O., 35.
Mason, R. L., 79.
Massengale, O. N., 26.
Massey, A. B., 76.
Massey, E. E., 41.
Massey, L. M., 53.
Masten, M. A., 20.
Mastin, L. D., 53.
Matchett, J. R., 19.
Mather, S., 3.
Matheson, R., 52.
Mathews, C. W., 29.
Mathews, F. P., 21.
Mathews, H. B., 70.
Mathews, R., 29.
Mathews, S. J., 13, 14.
Mathewson, G., 51.
Mathieson, H. A., 16.
Mathis, B. M., 61.
Mathis, W. T., 10.
Matthew, E. B., 4.
Matthews, C. D., 55.
Matthews, M. L., 20.
Mattson, M. M., 51.
Maucher, J. V., 66.
Mauldin, E. M., 1.
Maust, O., 26.
Maxfield, F. H., 35.
Maxwell, A. L., 18.
Maxwell, D., 40.
Maxwell, R. B., 65.
Maxwell, R. G., 51.
May, C., 59.
May, D. W., 66.
May, E. C., 73.
May, H. G., 66.
May, R. W., 44.
Maycock, Mrs. R. B., 74.
Mayer, I. D., 20.
Mayer, L. S., 70.
Mayer, W. L., 55.
Mayhew, T. C., 6.
Maynard, E. J., 8.
Maynard, L. A., 51.
Mayne, D. D., 38.
Mayoue, G. C., 56.
Meacham, F. B., 55.
Meacham, F. T., 56.
Mead, E., 6.
Mead, S. W., 5.
Meade, DeV., 31.
Meader, A. L., 29.
Meares, J. S., 55.
Mechling, G. S., 59.
Medlar, A. W., 45.
Meek, H. B., 52.
Megee, C. R., 36.
Mehaffey, E. E., 47.
Mehrhof, N. R., 12.
Mekeel, A. G., 53.
Melchers, L. E., 26.
Melhus, I. E., 22.
Mellon, M. G., 19
Meloche, G. L., 81.
Melroy, M. B., 31.
Melvin, B. L., 53.
Mendenhall, R., 4.
Mensching, J. E., 53.
Menville, R. L., 30.
Merchant, C. H., 31.
Mercier, W. B., 30.
Merkle, F. G., 64.
Merrill, A. R., 10.
Merrill, E. D., 5.
Merrill, J. F., 26.
Merrill, L. H., 31.
Merrill, L. S., 30.
Merrill, R. M., 44.
Mervine, E. M., 23.
Meske, A. E., 48.
Metcalf, H. J., 23.
Metcalf, W., 7.
Metcalf, Z. P., 54, 55.
Methley, W., 39.
Metzger, H., 38.
Metzger, H. J., 51.
Metzger, J. E., 31.
Meulen, P. A., van der 48.
Meyer, A. J., 41.
Meyer, B. S., 57.
Meyers, P. B., 11.
Michels, C. A., 33.
Mickel, C. E., 38.
Mickey, M. R., 68.
Middleton, A. R., 19
Middleton, B. B., 73.
Mighell, A., 22.
Milam, A. B., II, 63.
Miles, G. F., 64.
Miles, L. E., 1.
Millar, C. E., 37.
Miller, C. B., 23.
Miller, C. D. (Ala.), 1.
Miller, C. D. (Hawaii), 14.
Miller, C. E., 56.
Miller, D. F., 59.
Miller, E. A., 71.
Miller, E. C., 26.
Miller, E J., 35.
Miller, E. R., 1.
Miller, F., 20.
Miller, F. E., 56.
Miller, F. G., 16.

Miller, F. W., 49.
Miller, G., 58.
Miller, G. E., 56.
Miller, H. G., 62.
Miller, L. B., 17.
Miller, M. F., 43.
Miller, M. M., 29.
Miller, M. R., 46.
Miller, P. A., 72.
Miller, P. E., 40.
Miller, P. L., 22.
Miller, P. R., 36.
Miller, R. C. (Ky.) 28.
Miller, R. C. (N. Y.), 51
Miller, R. C. (N. Dak.), 57.
Miller, R. F , 5.
Miller, R. J., 64.
Miller, R. N., 78.
Mills. H. S., 53.
Mills, W. H., 67.
Miltimore, C., 12.
Milton, R. H., 70.
Milward, J. G., 81.
Mims, M., 30.
Miner, G. I., 33.
Minns, L. A., 53.
Minor, W. A., 13.
Minteer, C. C., 45.
Misner, E. G., 51.
Mitchell, E. A., 21.
Mitchell, E. L., 30.
Mitchell, F. E., 13.
Mitchell, G. A., 63.
Mitchell, H. H., 17.
Mitchell, J. H., 67.
Mitchell, T. B., 55.
Mittelman, E. B., 62.
Mixter, A. S., 31.
Mize, Mrs. L. R., 13.
Mizzell, J. L., 72.
Mobley, M. D., 13.
Moen, J., 74.
Moffitt, E. L., 64.
Mogford, J. S., 71.
Moles, H. S., 50.
Monahan, W. C., 33.
Monosmith, P. B., 41.
Monroe, C. F. (N. Mex.), 50.
Monroe, C. F. (Ohio), 59.
Monroe, Z., 28.
Monsch, H., 52.
Montgomery, C. A., 76.
Montgomery, C. W., 60.
Montgomery, E., 24.
Montgomery, G , 26.
Montgomery, L. M., 58.
Monzón, L. C., 66.
Moody, H. W., 41.
Mooers, C. A., 70.
Moomaw, L., 57.
Moon, C. B., 13.
Moore, A. R., 48.
Moore, C. B., 51.
Moore, E. W., 21.
Moore, G. A , 61.
Moore, H. C., 36
Moore, J. G., 81.
Moore, J. H., 4.
Moore, J. M , 36.
Moore, J. S., 40.
Moore, L. G., 61.
Moore, L. W., 21.
Moore, M. G., 54.
Moore, M. H., 41.
Moore, P., 15.
Moore, R., 26.
Moore, R. A., 80.
Moore, R. C., 76
Moore, V. P., 12.
Moore, W., 63.
Moore, W. D., 67.
Moore, W. P., 76.
Moorhead, J. G., 21.
Moorhouse, L. A., 8.
Mooring, D. C., 61.
Moran, C., 47.
Mordoff, R. A., 53.
Morehouse, M. C., 63.
Moreland, C. F., 29.
Moreland, E., 70.
Moreland, M. C., 79.
Moreland, R. W., 68.
Morell, L. B., 36.
Morgan, Mrs. A. F., 7.
Morgan, B , 23.
Morgan, C. H., 3.
Morgan, C. L., 67.
Morgan, E. L., 42.
Morgan, G. W., 44.
Morgan, H. A., 70.
Morgan, J. O., 71.
Morgan, L. E., 29.
Morgan, M. F., 11.
Morgan, R. F., 45.
Morin, G. E., 52.
Morison, F. L., 58, 59.
Morita, H., 15.
Morrill, W. J., 9.
Morris, H., 30.
Morris, H. E., 44.
Morris, H. F., 73.
Morris, M., 27.
Morris, O. M., 78.
Morris, Mrs. S. O., 74.
Morris, V. H., 59.
Morris, V. P., 62.
Morris, W. E., 38.
Morrison, E., 36.
Morrison, F. B., 80.
Morrison, J., 58.
Morrison, S. E., 36.
Morrow, C. A., 38.
Morrow, E. B., 55.
Morrow, K. S., 67.
Morse, A. P., 39.
Morse, F. W., 33.
Morse, W. C., 41.
Morse, W. J., 30.
Mortensen, M., 22.
Mortenson, W. P., 82.
Mortimer, G. B., 80.
Morton, G. E., 8.
Morton, G. M., 45.
Moseley, T. W., 44.
Moseley, W. K., 42.
Moses, B. D., 6.
Mosher, M. L., 18.
Moss, A. E., 10.
Moss, E. G., 56.
Moss, L. B., 65.
Moss, M. A., 16.
Most, B. R., 9.
Mostyn, R. M., 32.
Mote, D. C., 62.
Moton, R. R., 2.
Motz, F. A., 76.
Mount, M. M., 31
Mowry, H., 12.
Moyer, J. H., 26.
Mudge, C. S., 6.
Muenscher, W. C., 51.
Mugglestone, H. B., 27.
Muir, F., 15.
Muldrow, M. W., 4.
Mulford, W., 7.
Muller, R. T., 34.
Mulvey, R. R., 21.
Mumford, C. W., 11.
Mumford, D. C., 38.
Mumford, E., 36.
Mumford, F. B., II, 41.
Mumford, H. W., II, 16.
Mumford, J. W., 31.
Mundinger, F. G., 54.
Munkwitz, R. C., 31.
Munn, M. T., 54.
Munro, J. A., 57.
Munroe, H. D., 65.
Munson, J. J., 30.
Murdock, H. E., 44.
Murneek, A. E., 43.
Murphey, F. T., 65.
Murphey, H. S., 25.
Murphey, M. B., 48.
Murphree, A. A., 12.
Murphy, G. M., 67.
Murphy, H. F., 60.
Murray, C., 25.
Murray, D. P., 74.
Murray, R. F., 80.
Murray, T. J., 47.
Musbach, F. L., 81, 82.
Musgrave, G. W., 48, 49.
Mussehl, F. E., 46.
Musselman, H. H., 35.
Musselman, Mrs. M. G. 35.
Musser, A. M., 68.
Musser, H. B., 64.
Mustard, A. H., 78.
Myer, D. S., 58.
Myers, C. Emory, 65.
Myers, C. Everett, II, 65.
Myers, C. H., 53.
Myers, I., 30.
Myers, K. H., 18.
Myers, L., 35.
Myers, M. B., 61.
Myers, R. P., 51.
Myers, W. I., 51.
Myrland, R. H., 81.
Nabours, R. K., 27.
Nahstoll, G. A., 35.
Nall, M., 45.
Nason, E., 31.
Nason, E. H., 52.
Nason, L., 35.
Naylor, E. E., 42.
Naylor, N. M., 22.
Naylor, P. B., 42.
Neal, D. C., 40.
Neal, J. H., 38.
Neasham, E. W., 29.
Neblette, C. B., 73.
Needham, J. G., 52.
Needham, P. R., 52
Neel, L. R., 71.
Neff, C. R., 30.
Nehrling, A. H., 53.
Nehrling, Mrs. I. D., 52
Neidig, R. E., 16.
Neiswander, C. R., 59.
Neller, J. R., 77.
Nelson, A., 82.
Nelson, C. B., 13.
Nelson, C. I., 56.
Nelson, D. H., 6.
Nelson, J. A., 43.
Nelson, M., 4.
Nelson, N. T., 11.
Nelson, O. M., 62.
Nelson, P. (Guam), 14
Nelson, P. (Utah), 74.
Nelson, P. M., 24.
Nelson, R., 35.
Nelson, R. E., 19.
Nelson, R. M., 39.
Nelson, S. B., 77.
Nelson, T. C., 48, 49.
Nelson, V. E., 22.
Nelson, W. S., 41.
Nemeck, M. E., 44.
Nesbitt, L. L., 56.
Nesbitt, N., 79.
Nesom, G. H., 39.
Ness, H. (Iowa), 25.
Ness, H. (Tex.), 72.
Ness, Mrs H., 24.
Nettleton, H. I., 16.
Nettleton, L. B., 59.
Neuffer, L., 14.
Nevens, W. E., 17.
Newell H. M., 19.
Newell, P. F., 40.
Newell, W., 12.
Newhall, A. G., 59.
Newins, H. S., 65.
Newlander, J. A., 75.
Newlon, J. B., 33.
Newlon, W. B., 8.
Newman, C. C., 68.
Newman, G. B., 65.
Newman, H. G., 43.
Newsom, I. E., 9.
Newton, C., 13, 14.
Newton, H. D., 10.
Newton, J. H., 9.
Newton, J. O., 38.
Nichol, A. A., 3.

Nicholls, W. D., 28.
Nichols, H. E., 24.
Nichols, M. L., 1.
Nichols, R. D., 26.
Nicholson, J. F., 42.
Nickels, C. B., 68.
Nickolls, C. L., 60.
Niesley, H. G., 64.
Nightingale, G. T., 48, 49.
Nisonger, H. W., 58.
Nissley, C. H., 48.
Nissley, W. B., 65.
Niswonger, H. R., 55.
Nixon, E. L., 64.
Noble, C. V., 12.
Noble, E. C., 46.
Nobles, C. R., 76.
Nodine, E. H., 34.
Noer, R. D., 79.
Nolan, A. W., 18.
Nolan, O. L., 10.
Noland, T. W., 43.
Noll, C. F., 64.
Nordby, J. E., 15.
Norris, L. C., 53.
Norris, R. K., 63.
Northcutt, W. D. jr., 72.
Norton, C., 52.
Norton, E. A., 17.
Norton, H., 36.
Norton, J. B. S., 32.
Norton, L. J., 18.
Norton, W. J., 7.
Nuffer, L. F., 74.
Nunn, W. G., 76.
Nutter, J. W., 28.
Nye, C., 52.
Nylin, V. E., 38.

Oakes, C. W., 25.
Oaks, C. S., 54.
O'Bryan, E., 24.
Odell, A., 74.
Oderkirk, B. S., 22.
Oderkirk, G. C., 20.
Odland, T. E., 79.
Oehm, G. M., 4.
Oestland, O. W., 38.
Ogaard, A. J., 43.
Ogden, H. P., 70.
Ogle, L., 58.
Ogle, O., 71.
Ogle, R. C., 53.
O'Kane, W. C., 47.
O'Kelly, J. F., 40.
Old, F. C., 29.
Old, Mrs. G., 61.
Oldenburg, F. W., 31.
Oliver, A. G., 55.
Oliver, A. W., 62.
Oliver, J. E., 76.
Oliver, J. G., 13.
Olmstead, R. H., 64.
Olney, A. J., 29.
Olney, R. A., 79.
O'Loughlin, M. A., 50.
Olsen, E. I., 56.
Olson, B. T., 39.
Olson, P. J., 56.
Olson, T. M., 69.
Oman, A. E., 26.
O'Neal, A. M., 23.
O'Neale, L. M., 63.
O'Neil, E., 61.
Ong, E. R. de, 6.
O'Roke, E. C., 70.
O'Roke, G. W., 82.
Orr, D. M., 61.
Orr, H. W., 61.
Orrben, C. L., 23.
Orton, C. R., 64.
Osbeck, F. E., 39.
Osborn, G. A., 48, 49.
Osborn, H., 59.
Osborn, J. L., 63.
Osborn, L. W., 60.
Osborne, T. B., 10.
Osburn, R. C., 59.
Osenberg, A., 44.
Oskamp, J., 53.
Osmun, A. V., 33.
Ostergaard, J. M., 14.
Ostrander, J. E., 34.
Osuna, P., 66.
Otis, J. R., 77.
Overbey, N., 30.
Overholser, E. L., 7.
Overholt, V., 58.
Overholts, L. O., 64.
Overley, F. L., 78.
Overman, O. R., 17.
Overpeck, J. C., 50.
Overseth, O. E., 23.
Overstreet, A. L., 68.
Overton, M. H., 20.
Owen, G., 24.
Owen, W. L., 29.
Owens, C. A., 67.
Owens, C. C., 2.
Owens, C. E., 62.
Owens, G. W., 77.
Owens, J. S., 9.
Owens, W. W., 74.

Pack, H. J., 74.
Packman, F., 23.
Paddock, F. B., 25.
Paddock, W., 58.
Page, Mrs. D., 38.
Page, E. M., 43.
Page, J. F., 62.
Pahau, R., 14.
Painter, S., 60.
Palmer, A. B., 77.
Palmer, C. C., 11.
Palmer, D., 15.
Palmer, E., 20.
Palmer, E. L., 51.
Palmer, G. D., jr., 26.
Palmer, H. S. (Del.), 11.
Palmer, H. S. (Hawaii), 14.
Palmer, L. S., 38.
Palmer, M., 1.
Palmer, M. A., 9.
Palmer, P., 20.
Palmer, W. C., 57.
Palmer, W. H., 58.
Pammel, L. H., 22.
Parfitt, E. H., 20.
Park, J. B., 58, 59.
Park, M. A., 3.
Park, O. W., 25.
Parke, P. P., 52.
Parker, E. L., 11.
Parker, E. R., 7.
Parker, F. W., 1.
Parker, J. H., 25.
Parker, J. R., 44.
Parker, M. F., 48.
Parker, M. M., 77.
Parker, R. L., 26.
Parker, S. L., 8.
Parker, S. R., 34.
Parker, T. R., 2.
Parkhurst, R. T., 15.
Parkinson, H. G., 65.
Parks, H., 71.
Parks, H. B., 72.
Parks, T. H., 59.
Parmenter, R. B., 34.
Parrish, C. F., 55.
Parrish, G. R., 77.
Parrott, P. J., 54.
Parshall, R. L., 9.
Parsons, D. W., 79.
Parsons, H. T., 81.
Partch, L. A., 20.
Partridge, N. L., 36.
Paschall, A. H., 59.
Patch, E. M., 31.
Patch, G., jr., 35.
Patch, R. H., 10.
Pate, W. W., 1.
Paterson, A. G., 77.
Patrick, A. L., 64.
Patrick, C. S., 68.
Patt, E. M., 21.
Patten, A. J., 35.
Patterson, F. D., 77.
Patterson, F. D., jr., 2.
Patterson, G. W., jr., 75.
Patterson, H. J., 31.
Patterson, I., 58.
Patterson, M. F., 7.
Patterson, T. M., 40.
Pattison, F., 26.
Patton, C. A., 59.
Patton, S., 81.
Patty, R. L., 69.
Paulson, W. E., 20.
Payne, L. F., 27.
Payson, E. B., 82.
Payson, V., 39.
Payton, F. B., 68.
Peabody, F. H., 51.
Peabody, G. E., 52.
Peacock, N. D., 71.
Peairs, L. M., 79.
Pearce, S. D., 72.
Pearce, W. T., 56.
Pearson, F. A., 51.
Pearson, H. A., 57.
Pearson, N., 36.
Pearson, O., 2.
Pearson, P. H., 36.
Pearson, R. A., II, 21.
Peck, A. L., 63.
Peck, F. W., II, 37.
Peck, G. W., 53.
Peck, M., 22.
Peckham, L. R., 58.
Peckinpaugh, G. C., 20.
Pederson, C. S., 54.
Peffer, H. H., 16.
Peightal, M. F., 57.
Peltier, G. L., 45.
Pelton, W. C., 71.
Pemberton, C. E., 15.
Pence, M. O., 21.
Pendleton, H. L., 33.
Pennock, O. P., 9.
Penquite, R., 61.
Peppard, Mrs. L. L., 67.
Pepper, J. O., 68.
Pepsico, E. V., 77.
Perin, S. W., 46.
Perkins, A. E., 59.
Perkins, A. T., 26.
Perkins, B., jr., 30.
Perkins, H. F., 75.
Perkins, N. L., 52.
Perkins, R. C. L., 15.
Perkins, W. R., 29.
Perley, G. A., 47.
Perregaux, E. A., 51.
Perrin, L. E., 30.
Perry, E. J., 48.
Perry, W. M., 77.
Persells, H. V., 14.
Pershing, S. B., 20.
Person, F. G., 9.
Persons, R. W., 72.
Pessin, L. J., 72.
Peter, A. M., 28.
Peters, C. A., 33.
Peters, D. J., 50.
Peters, E. M., 73.
Peters, M. K., 45.
Peters, W. H., 37.
Petersen, W. E., 38.
Peterson, Mrs. D., 52.
Peterson, D. H., 49.
Peterson, E., 48.
Peterson, E. G., 73.
Peterson, G. L., 63.
Peterson, L. I., 19.
Peterson, P., 12.
Peterson, P. D., 39.
Peterson, V., 68.
Peterson, W., 73.
Peterson, W. H., 80.
Petry, L. C., 51.
Pettigrove, H. R., 36.
Pettit, R. H., 35.
Pettus, J. W., 61.
Peyton, J. C., 41.
Phelan, J., 35.
Phelps, E. L., 39.
Phelps, L. A., 53.
Philip, C. B., 38.

Philips, A. G., 21.
Phillips, A. W., 33.
Phillips, C. A., 6.
Phillips, E. F., 52.
Phillips, T. D., 58.
Phillips, T. G., 47.
Philp, G. L., 7.
Phinney, G. H., 25.
Phipps, C. R., 31.
Pickard, C. L., 76.
Pickens, E. M., 31.
Pickett, B. S., 24.
Pickett, F. L., 77.
Pickett, W. F., 27.
Pickrell, C. U., 3.
Piedalue, I. M., 29.
Pieper, J. J., 17.
Pierce, H. B., 64.
Pierre, W. H., 1.
Pierson, C. J., 32.
Pierson, E. M., 69.
Pierstorff, A. L., 53.
Pilchard, E. I., 18.
Pilkey, A. M., 40.
Pillsbury, J. P., 55.
Pinckney, A. J., 50.
Pinckney, R. M., 39.
Pinckney, S. M., 68.
Pinkston, M., 52.
Piper, Mrs. E. H., 47.
Pirnie, M. D., 53.
Pittman, B. C., 74.
Pittman, D. W., 73.
Pittman, M. S., 27.
Plagge, H. H., 24.
Plagge, H. J., 25.
Platt, C. S., 48, 49.
Plice, M. J., 21.
Plumb, C. S., 57.
Plummer, B. E., jr., 31.
Poelma, L. J., 31.
Pohlman, G. G., 3.
Polivka, J., 59.
Polk, T. P., 28.
Pollard, F. H., 67.
Pollinger, W. E., 44.
Pollock, E. O., 71.
Polson, M. E., 27.
Pond, E., 24.
Pond, G. A., 37.
Pontius, B. E., 19.
Pool, R. J., 45.
Poole, R. F., 55.
Pope, J. D., 2.
Pope, J. P., 46.
Pope, W. T., 15.
Popp, H. W., 64.
Porter, C. L., 19.
Porter, D. D., 48.
Porter, D. R., 26.
Porter, J. P., 53.
Posson, M. B., 45.
Post, A. H., 43.
Post, R. E., 69.
Potter, C. E., 44.
Potter, C. I., 27.
Potter, E. L., 62.
Potter, G. F., 47
Potter, P. B., 58.
Potts, H. C., 60.
Potts, L. A., 73.
Powell, C. K., 53.
Powell, Mrs. E. M., 41.
Powell, P. P., 1.
Powell, W., 51.
Powers, E. B., 71.
Powers, W. F., 34.
Powers, W. L., 63.
Prange, R. W., 21.
Pratt, B. A., 61.
Pratt, D. J., 72.
Pratt, F. R., 48.
Pray, H. A. H., 60.
Prentice, B. N., 20.
Prentiss, S. W., 63.
Prescott, Mrs. L. H., 34.
Pressley, E. H., 3.
Preston, C. M., 8.
Prettyman, H. W., 79.
Prevost, E. S., 68.
Prewitt, E. M., 28.
Price, C. B., 76.
Price, E. R., 76.
Price, F. E., 62, 63.
Price, H. B., 38.
Price, H. L., 75.
Price, J. C. C., 41
Price, M., 58.
Price, O. B., 37.
Price, R. B., jr., 43.
Price, S. J. T., 2.
Price, W. A., 20.
Price, W. V., 51.
Prickett, P. S., 51.
Pridham, A. M. S., 53.
Prillerman, D. M., 80.
Prillerman, E. M., 80.
Prince, A. L., 48, 49.
Prince, F. S., 46.
Probstfield, E. E., 39, 40.
Proctor, A. E., 72.
Proebsting, E. L., 7.
Prouty, C. C., 15.
Provine, E. A., 30.
Prucha, M. J., 17.
Przyluska, W., 58.
Publow, H. E., 35.
Pugsley, C. W., II, 69.
Pulley, M. C., 33.
Pultz, L. M., 69.
Purcell, M. E., 81.
Purves, C. M., 72.
Puryear, C., 71.
Pushee, G. F., 33.
Putnam, G. W., 37.
Putnam, P. L., 10.
Pyke, W. E., 8.
Pyle, N. J., 34.

Quaife, E. L., 22.
Quayle, H. J., 6.
Quayle, W. L., 82.
Quesenberry, G. R., 50.
Quig, J. B., 22.
Quinby, J. R., 73.
Quinlan, L. R., 34.
Quinn, J. T., 43.
Quist, J. S., 23.

Raber, O. L., 3.
Raburn, G. E., 27.
Radspinner, W. A., 55.
Raeder, Mrs. G. B., 16.
Raeder, J. M., 16.
Ragsdale, A. C., 42.
Rainey, D. F., 36.
Raleigh, G. J., 34.
Ralston, W. R., 6.
Ramirez, J. H., 66.
Ramos, R. M., 66.
Ramsburg, B. F., 48.
Ramsower, H. C., 57.
Randall, G. O., 55.
Randlett, G. W., 56.
Randolph, E. E., 55.
Randolph, F. H., 51.
Randolph, J. W., 1.
Randolph, Mrs. R., 81.
Raney, E. R., 72.
Rankin, F. H., 18.
Rankin, J. O., 45.
Rankin, W. H. (N. Y.), 54.
Rankin, W. H. (N. C.), 54.
Ranney, E. S., 3.
Rapking, A. H., 79.
Rasmussen, M. P., 51.
Rathbone, R. V., 13.
Rather, H. C., 36.
Rauchenstein, E., 6.
Raven, M. I., 48.
Rawl, E. H., 68.
Rawlins, T. E., 7.
Rayner, O. S., 8.
Rea, G. H., 65.
Rea, H. E., 73.
Rea, J. L., jr., 56.
Read, J. W., 4.
Reade, J. M., 13.
Rearden, J. H., 16.
Rebrassier, R. E., 59.
Recknagel, A. B., 52.
Records, E., 46.
Redd, H. B., 75.
Reddick, D., 51.
Redditt, J. R., 46.
Redman, R. W., 34.
Reed, C. O., 58.
Reed, E. P., 58.
Reed, E. T., 63.
Reed, F. P., 23.
Reed, H. D., 53.
Reed, H. E., 26.
Reed, H. J., 19.
Reed, H. S. (Calif.), 5.
Reed, H. S. (Mich), 35.
Reed, O. E., 35.
Reed, R. C., 31.
Reeder, G., 43.
Reese, H. M., 43.
Reese, N. M., 14.
Reeves, J., 12.
Reeves, R. G., 22.
Regan, M. J., 42.
Regan, W. M., 5.
Regeimbal, L. O., 39.
Regenbrecht, E. M., 71.
Regt, A. C. de, 48.
Reichart, E. L., 45.
Reid, D. H., 71
Reid, L., 39.
Reid, R. D., 51.
Reid, T. R., 4.
Reid, W. H. E., 42.
Reider, E. S., 64.
Reimer, F. C., 63.
Reinhard, H. J., 72.
Reitch, T. C., 73.
Reitsma, E., 63.
Reitz, W. W., 13.
Remington, R. E., 56.
Remund, R. H., 61.
Renner, K. M., 26.
Reppert, R. R., 72.
Ressler, B. C. V., 71.
Rettger, L. F., 9.
Reymond, G. H., 29.
Reyna, J. E., 51.
Reynolds, C., 1.
Reynolds, E. A., 76.
Reynolds, E. B., 71.
Reynolds, E. S., 56.
Reynolds, L. W., 34.
Reynolds, M. H., 40.
Reynolds, Mrs. M. S., 81.
Reynolds, P. M., 57.
Rhoads, A. S., 12.
Rhoads, W., 28.
Rhode, C. S., 17.
Rhodes, A. M., 61.
Rhodes, V. D., 20.
Rhue, L. C., 18.
Rice, C. D., 25.
Rice, F. E., 55.
Rice, J. E., 53.
Rice, V. A., 33.
Rice, W. H., 32.
Rice, W. S., 13.
Rich, F. A., 75.
Richards, B. L., 73, 74.
Richards, G., 81.
Richardson, A. E., 23.
Richardson, A. G. G., 14.
Richardson, A. W., 46.
Richardson, C. S., 32.
Richardson, D. F., 9.
Richardson, E. H., 25.
Richardson, J. E., 44.
Richardson, L. A., 70.
Richardson, P., 66.
Richey, H. W., 24.
Richie, F. V., 4.
Richie, H. B., 38.
Richmond, J. E., 79.
Richmond, R. G., 9.
Rickett, H. W., 42

Rickey, L. F., 17.
Ricks, Mrs. G. S., 61.
Ricks, H., 76.
Ricks, J. R., 40, 41.
Riddell, F. T., 35.
Riddell, W. H., 26.
Rieman, C. W., 3d, 48.
Riemenschneider, A.,24.
Ries, D. T., 35.
Ries, V. H., 21.
Rightmire, G. W., 57.
Rigney, J. W., 50.
Riker, A. J., 81.
Riker, Mrs. R. S., 81.
Riley, E., 41.
Riley, H. W., 51.
Riley, J. A., 68.
Riley, M. C., 80.
Riley, O. N., 60.
Riley, P. G., 21.
Riley, W. A., 38.
Rilling, H. E., 57.
Rinehart, E. F., 15.
Ring, G. C., 34.
Ripperton, J. C., 15.
Rishoi, A. H., 77.
Ritchie, W. S., 42.
Ritz, F., 11.
Ritzman, E. G., 46.
Rivers, E., 24.
Rivers, E. V., 2.
Roadhouse, C. L., 5.
Robb, B. B., 51.
Robbers, W. R., 49.
Robbins, E. T., 17.
Robbins, F. E., 19.
Robbins, W. J., 42.
Robbins, W. R., 47.
Robbins, W. W., 5.
Robert, S. A., 71.
Roberts, E., 17.
Roberts, E. N., 82.
Roberts, G., 28.
Roberts, G. H., 21.
Roberts, L. E., 3.
Roberts, M., 24.
Roberts, O. S., 21.
Roberts, R., 45.
Roberts, R. E. (Ind.), 20.
Roberts, R. E. (Pa.), 65.
Roberts, R. H., 81.
Roberts, R. S., 3.
Robertson, A. H., 75.
Robertson, D. J., 82.
Robertson, D. W., 8.
Robertson, J., 61.
Robertson, J. H., 70.
Robertson, L. S., 20.
Robertson, W. F., 34.
Robertson, W. R. B., 43.
Robey, O. E., 35.
Robichaux, F. J., 30.
Robinson, A. B., 18.
Robinson, B. B., 36.
Robinson, C. S., 35.
Robinson, D. E., 74.
Robinson, E. P., 47.
Robinson, F. H., 67.
Robinson, J. L., 23.
Robinson, J. M., 2.
Robinson, M., 52.
Robinson, M. E., 42.
Robinson, R. H., 62.
Robison, W. L., 59.
Robotka, F., 22.
Robson, H. K., 78.
Rocheford, J. M., 42.
Rocke, H., 45.
Rodenhiser, H. A., 39.
Rodenwold, B. W., 62.
Roderick, L. M., 57.
Rodgers, S. E., jr., 55.
Rodriguez, J. A., 66.
Roe, H. B., 38.
Roehl, L. M., 51.
Rogers, C. E., 27.
Rogers, F., 12.
Rogers, H. L., 52.
Rogers, H. S., 62.
Rogers, H. W., 60.
Rogers, J. H., 72.
Rogers, J. S., 12.
Rogers, K., 2.
Rogers, M. C., 35.
Rogers, R. H., 69
Rogers, W. B., 67.
Rohrbeck, E. H., 64.
Rolfs, F. M., 60.
Roller, E. M., 22.
Rollins, H. A., 47.
Romaine, J. D., 37.
Roman, Mrs. N. McN., 52.
Romness, J., 38.
Rood, E. J., 22.
Roof, S., 58.
Rosa, J. T., jr., 7.
Rose, E. J., 39.
Rose, F., 50, 52.
Rose, R. C., 39.
Roseboom, B. B., 37.
Rosen, H. R., 4.
Rosenfeld, A. H., 66.
Rosenkrans, D. B., 67.
Rosewall, O. W., 30.
Ross, B. B., 1.
Ross, G., 61.
Ross, H. A., 51.
Ross, H. E., 51.
Ross, P. H., 3.
Ross, R. C., 18.
Rost, C. O., 39.
Rothacker, R. R., 24.
Rothgeb, R. G., 31.
Rouse, H., 48.
Rowan, L. J., 41.
Rowlands, W. A., 80.
Rowley, H. F., 34.
Rowley, H. K., 79.
Rubel, C. W., 6.
Rubin, A. L., 70.
Ruby, P. E., 27.
Rude, C. S., 61.
Rudnick, A. W., 22.
Rudolfs, W., 49.
Rudolph, B. A., 7.
Ruef, J. U., 65.
Ruehe, H. A., 17.
Ruehle, G. L. A., 37.
Ruffin, W. A., 2.
Ruffner, R. H., 55.
Rufi, J., 35.
Ruggles, A. G., 38.
Rumsey, W. E., 79.
Runk, C. R., 11.
Runnalls, W. J., 45.
Runnells, R. A., 76.
Rupel, I. W., 80.
Rupp, G. F., 65.
Ruprecht, R. W., 12.
Rüsing, B., 80.
Rusk, H. P., 17.
Russ, E. M., 7.
Russel, J. C., 44.
Russell, B. A., 67.
Russell, F. L., 31.
Russell, G. P., 29.
Russell, H. L., 80.
Russell, M., 24.
Russell, S. F., 41.
Russell, W. C., 48.
Rust, C. A., 77.
Rust, E. W., 6.
Ruth, C. C., 62.
Ruth, W. A., 19.
Rutherford, E., 45.
Ruzek, C. V., 63.
Ryan, E., 58.
Ryan, J. C., 41.

Sackett, W. G., 8.
St. John, H., 77.
St. John, J. L., 77.
St. John, R. R., 19.
Sales, E. K., 37.
Salisbury, S. M., 57.
Sallee, G. A., 18.
Salmon, S. C., 25.
Salmon, W. D., 1.
Salter, E. M., 81.
Salter, R. M., 59.
Sammis, J. L., 80.
Sampson, A. W., 7.
Sampson, H. C., 57.
Sampson, H. O., 48.
Sams, C. L., 55.
Samuels, E. L., 24.
Sanborn, C. E., 61.
Sanborn, M. L., 47.
Sanborn, N. W., 12.
Sanborn, R., 33.
Sanctuary, W. C., 33.
Sanders, D. A., 12.
Sanders, H. W., 76.
Sanders, J. T., 60.
Sanders, K. B., 70.
Sanders, O. W., 41.
Sanders, P. D., 32.
Sanders, W. H., 26.
Sanderson, E. D., 53.
Sanderson, T., 56.
Sands, L., 3.
Sandstedt, R. M., 45.
Sandsten, E. P., 9.
Sandstrom, W. M., 38.
Sanmann, F. P., 17.
Sargent, C. G., 8.
Sargent, E. L., 48.
Sargent, G. T., 1.
Sassaman, H. L., 59.
Sather, A. A., 23.
Satterfield, G. H., 55.
Saunders, W. D., 75.
Sauve, E. C., 35.
Savage, E. S., 51.
Saville, R. J., 55.
Savoy, C. F., 80.
Sawtelle, D. W., 33.
Sawyer, C. E., 78.
Sawyer, L. E., 13.
Sax, K., 31.
Sayre, C. B., 54.
Sayre, J. D., 57.
Scanlon, R. W., 43.
Scarboro, P. J., 69.
Scarseth, G. D., 11.
Schaars, M. A., 80.
Schaedel, J. M., 73.
Schaefer, H. C., 80.
Schaefer, O. G., 38.
Schafer, E. G., 78.
Schaffer, O. G., 19.
Schaffner, J. H., 57.
Schalk, A. F., 57.
Schaub, I. O., II, 54.
Scherer, N. W., 58.
Schermerhorn, L. G., 48, 49.
Schertz, F., 61.
Schilletter, A. E., 68.
Schilletter, J. C., 24.
Schilling, S. J., 4.
Schlubatis, G. R., 37.
Schlundt, H., 42.
Schmidt, F.M., 51.
Schmidt, G. A., 8.
Schmidt, H., 73.
Schmidt, R., 55.
Schmitz, H., 38.
Schmitz, N., 64.
Schneck, H. W., 53.
Schneiderhan, F. J., 76.
Schnopp, W. C., 79.
Schoene, W. J., 76.
Scholl, E. E., 61.
Schollenberger, C. J., 59.
Schonbrod, W., 70.
Schoonover, W. R., 7.
Schoth, A. J., 25.
Schoth, H. A., 62.
Schowengerdt, P. F., 43.
Schrack, C. V., 16.
Schrader, A. L., 32.
Schrass, M. E., 20.
Schreiber, A. M., 18.
Schultz, O. C., 60.
Schulz, J. A., 22.
Schulze, A. F., 10.
Schumacher, F. X., 7.
Schumaker, D., 52.
Schuster, C. E., 63.

Schuster, G. L., 11.
Schutt, C. D., 51.
Schwab, J. W., 19.
Schwalen, H. C., 3.
Schwantes, A. J., 38.
Schwartz, L. H., 21.
Schwenk, H. S , 10.
Scoates, D., 72.
Scott, E. C., 35.
Scott, E. L., 3.
Scott, I. T., 42.
Scott, J. M., 12.
Scott, J. P., 27.
Scott, J. W., 82.
Scott, R. C., 13.
Scott, R. J., 52.
Scott, S. G., 44.
Scott, V. E., 46.
Scott, W., 62.
Scovell, E. L., 48.
Scoville, G. P., 51.
Scranton, L. L., 18.
Scudder, F. A., 52.
Scudder, H. D., 62.
Scullen, H. A., 62.
Seal, J. L., 12.
Seamans, A. E., 44.
Searles, H. R., 38.
Sears, F. C., 34.
Sears, G. W., 46.
Sears, O. H., 17.
Sears, W. R., 58.
Seaton, J. P., 19.
Seaton, M. A., 21.
Seaton, R. A., II.
Sebastian, M. R., 30.
Secrest, E., 59.
Secrest, M., 7.
Seeley, D. A., 36.
Seiler, J. L., jr., 48.
Sein, F., jr., 66.
Seitz, C. E., 76.
Selby, Mrs. E. P., 2.
Selby, H. E., 62.
Sell, I. I., 39.
Sellards, H. G., 28.
Sellers, J. E., 26.
Sellman, R. L., 31.
Selvig, C. G., 40.
Serex, P., jr., 33.
Serrano, L. A., 66.
Setchell, W. A., 5.
Setterfield, H., 59.
Settles, O., 24.
Severance, G., 78.
Severin, H. C., 70.
Severin, H. H. P., 6.
Severin, J. E., 14.
Severson, A. S., 56.
Sewall, H. W., 40.
Sewell, J. G., 5.
Sewell, M. C., 25.
Sewell, W. E., 1.
Seymour, H. C., 62.
Shanklin, F. M., 20.
Sharp, L. W., 51.
Sharp, M. A., 23.
Sharp, P. F., 51.
Shattuck, O., 63.
Shaw, C. F., 5.
Shaw, E. L., 79.
Shaw, J. K., 34.
Shaw, J. M., 22.
Shaw, M. A., 80.
Shaw, R. S., 34.
Shaw, S. B., 32.
Shaw, W. M., 70.
Shawl, R. I., 18.
Shay, W. W., 55.
Shea, T. F., 62.
Shealy, A. L., 12.
Shear, C. L., II.
Shear, E. V., jr., 54.
Shear, S. W., 6.
Shearer, P. S., 22.
Shedd, C. K., 26.
Shedd, O. M., 28.
Sheffer, L. M., 13.
Shelby, H., 61.
Shellenberger, M. E., 36.
Shepard, C. E., 10.
Shepard, H. H., 32.
Shepardson, C. N., 8.
Shepherd, H. W., 7.
Sheppard, O. E., 44.
Shepperd, J. H., 56.
Sherbakoff, C. D., 70.
Sherburne, R. E., 33.
Sheridan, M. E., 9.
Sherman, F. (Fla.), 13.
Sherman, F. (S. C.), 68.
Sherman, J. M., 51.
Sherman, L. P., 82.
Sherman, L. W., 60.
Sherwood, E. C., 79.
Sherwood, F. W., 55.
Sherwood, R. M., 71.
Shibles, L. H., 31.
Shields, A. L., 61.
Shigley, J. F., 64.
Shilling, I. M., 24.
Shimer, S. R., 47.
Shirky, S. B., 43.
Shive, J. W., 47.
Shivery, G. B., 71.
Shobe, W. L., 29.
Shoemaker, J. N., 59.
Shoemaker, J. S., 60.
Sholl, L. B., 37.
Sholley, R., 42.
Shoup, G. R., 78.
Shoup, Mrs. G. R., 78.
Showers, B. J., 3.
Shrader, H. L., 43.
Shrewsbury, C. L., 42.
Shriner, R. L., 54.
Shuey, G. A., 64.
Shuhart, D. V., 61.
Shumaker, J. B., 22.
Shunk, I. V. D., 55.
Sibley, C. K., 52.
Sidelmann, I. O., 64.
Sideris, C. P., 15.
Siecke, E. O., 72.
Siemans, M. M., 78.
Sieveking, E. G., 17.
Sievers, F. J., 78.
Sikes, E. W., 67.
Silcox, W. B., 75.
Silkett, R. J., 43.
Silvestri, F., 6.
Simmons, G. E., 30.
Simmons, J. E., 62.
Simmons, S. B., 56.
Simms, B. T., 63.
Simms, J. A., 9.
Simon, R. H., 59.
Simons, L. R., 52.
Simpson, A. C., 64.
Simpson, R., 45.
Sims, A. J., 70.
Sims, F. A., 23.
Sims, N. L., 33.
Sinclair, W., 31.
Sinden, J. W., 53.
Singletary, B. H., 30.
Singleton, H. P., 78.
Sinnott, E. W., 9.
Sipe, F. P., 62.
Sipe, G. R., 41.
Sjogren, J. W., 8.
Sjogren, O. W., 45.
Skelley, W. C., 47, 49.
Skelton, G. V., 62.
Skidmore, H. M., 6.
Skidmore, L. V., 46.
Skillman, E. G., 49.
Skinner, A. G., 9.
Skinner, E. L., 34.
Skinner, J. H., II, 19.
Skiver, C. E., 36.
Skuce, T. W., 79.
Slate, G. L., 54.
Slate, W. L., jr., II, 9, 10.
Slater, S. E., 79.
Slipher, J. A., 59.
Sloat, H. S., 64.
Slocum, B. A., 78.
Small, J. A., 49.
Smith, A., 5.
Smith, A. B., 27.
Smith, A. C., 39.
Smith, A. M. (Iowa), 24.
Smith, A. M. (Md.), 32.
Smith, B. B., 26.
Smith, C. L., 32.
Smith, C. O., 7.
Smith, C. R. F., 24.
Smith, C. W., 45.
Smith, E. E., 18.
Smith, E. H., 7.
Smith, E. R., 30.
Smith, E. T., 57.
Smith, E. V., 36.
Smith, G. E. P., 3.
Smith, G. M., 19.
Smith, H., 74.
Smith, H. B., 31.
Smith, H. H., 8.
Smith, H. M., 82.
Smith, H. P., 72.
Smith, H. S., 6.
Smith, H. V., 3.
Smith, H. W., 31.
Smith, J. B., 67.
Smith, J. E., 33.
Smith, J. L., 77.
Smith, K., 32.
Smith, L. B., 7.
Smith, L. H., 17.
Smith, L. J., 78.
Smith, L. R., 49.
Smith, M. E., 65.
Smith, M. L., 45.
Smith, M. M., 47.
Smith, Mrs. M. W., 24.
Smith, O., 24.
Smith, O. M., 60.
Smith, P. H., 33.
Smith, R. A., 17.
Smith, R. C., 26.
Smith, R. E., 7.
Smith, Mrs. R. G., 52.
Smith, R. H., 40.
Smith, R. S., 17.
Smith, R. W., 57.
Smith, R. W., jr., 33.
Smith, T., 15.
Smith, T. O., 47.
Smith, W. E., 15.
Smith, W. H., 18.
Smith, W. W., 19.
Smith, Z. M., 20.
Smurthwaite, G. H., 27.
Smyth, J. R., 28.
Snapp, R. R., 17.
Snider, H. J., 17.
Snipes, M. L., 2.
Snodgrass, G. L., 29.
Snodgrass, M. D., 3.
Snook, J. H., 59.
Snow, F. L., 63.
Snow, O. L., 36.
Snuggs, R. E., 72.
Snyder, G. B., 34.
Snyder, J. M., 32.
Snyder, L. H., 55.
Snyder, R. M., 37.
Snyder, R. S. (Idaho), 16.
Snyder, R. S. (Pa.), 65.
Snyder, R. W., 22.
Snyder, W. P., 46.
Sobye, L., 39.
Sommer, H. H., 80.
Sommerfeldt, E., 57.
Sonnenday, D. F., 52.
Sorenson, A., 36.
Sorenson, C. J., 74.
Sotola, J., 77.
Souder, M. A., 18.
Soule, A. M., II, 13.
Soule, R. M., 13.
Spaeth, J. N., 52.
Spangler, P., 79.
Spaulding, M. H., 44.
Spears, H. D., 29.
Spencer, A. P., 12.
Spencer, H., 30.
Spencer, H. B., 57.

Spencer, H. L., 52.
Spencer, J. N., 22.
Spencer, J. O., 33.
Spencer, L., 51.
Spencer, S. D., 11.
Spencer, V. E., 17.
Sperry, A. B., 27.
Spinney, L. B., 24.
Spitler, J. C., 18.
Spitzer, G., 20.
Spitzer, L., 69.
Spohn, A., 52.
Spohn, B. B., 58.
Sprague, H. B., 48, 49.
Sprague, M. E., 10.
Sprague, P. K., 65.
Spriggs, Mrs. A. G., 80.
Spring, S. N., 52.
Spuler, A., 78.
Spurrier, F. M., 7.
Spurway, C. H., 37.
Stabe, H. A., 30.
Stack, J. W., 37.
Stacy, W. H., 22.
Stadler, L. J., 42.
Stafford, E. W., 41.
Stafseth, H. J., 37.
Stahl, A. L., 49.
Stahl, B. M., 58.
Stahl, H. S., 76.
Stahl, J. L., 7.
Stair, E. C., 21.
Stakman, E. C., 39.
Staley, F. M., 56.
Stallings, J. H., 71.
Stanford, K. M., 65.
Stanford, W. E., 61.
Stange, C. H., 25.
Stanley, E. B., 3.
Stansel, R. H., 71.
Staples, C. H., 29.
Staples, R., 45.
Stapleton, D. V., 40.
Stapley, T. L., 4.
Starin, F., 9.
Stark, C. N., 51.
Stark, R. W., 17.
Starkey, L. V., 67.
Starnes, T. E., 76.
Starr, C. L., 69.
Starr, G. E., 36.
Starr, S. H., 14.
Starrak, J. A., 23.
Starring, C. C., 44.
Starring, G. A., 69.
Stason, M., 62.
Stauffer, R. S., 17.
Stearns, L. A., 49.
Stebbins, M. E., 42.
Steele, B., 45.
Steele, D. G., 81.
Steelman, C. H., 49.
Steenbock, H., 80.
Steffen, E. H., 78.
Steiger, Mrs. E., 58.
Steinel, A. T., 9.
Steinmetz, F. H., 37.
Stemmons, W., 10.
Stender, H. K., 15.
Stene, A. E., 67.
Stennis, M. A., 12.
Stenzel, H. B., 72.
Stephens, D. E., 63.
Stephens, M., 24.
Stephenson, N. M., 20.
Stephenson, R. E., 63.
Stephenson, R. S., 22.
Steup, H. H., 27.
Stevens, A. T., 10.
Stevens, B. W., 63.
Stevens, C. L., 47.
Stevens, F. D., 29.
Stevens, H. B., 47.
Stevens, Mrs. M. M., 52.
Stevens, O. A., 56.
Stevens, R. D., 47.
Stevenson, F. J., 37.
Stevenson, G. L., 69.
Stevenson, W. H., 23.
Stewart, C. L., 18.
Stewart, E. A., 38.
Stewart, E. R., 27.
Stewart, F. C., 54.
Stewart, G., 73.
Stewart, G. R., 15.
Stewart, H. W., 81.
Stewart, O. M., 43.
Stewart, P. H., 44.
Stewart, R., 46.
Stewart, R. M., 51.
Stewart, S., 30.
Stewart, W. F., 58.
Stiles, C. F., 61.
Stiles, H., 25.
Stillman, G. S., 81.
Stillwell, E. C., 79.
Stillwell, M. E., 46.
Stine, M. L., 52.
Stinson, T. B., 27.
Stirniman, E. J., 6.
Stitts, T. G., 38.
Stivers, E. D., 70.
Stoa, T. E., 56.
Stockdale, C. E., 79.
Stoddard, E. M., 10.
Stoddard, M. L., 39.
Stokdyk, E. A., 26.
Stokes, W. E., 12.
Stoltz, R. B., 58.
Stone, A. L., 80.
Stone, P. H., 14.
Storer, T. I., 6.
Storie, R. E., 5.
Storm, A. V., 38.
Story, I. M., 29.
Stouder, K. W., 25.
Stout, S. R., 4.
Stover, W. G., 57.
Stowe, V. M., 56.
Strand, A. L., 38.
Stratton, R., 60.
Strawn, O. P., 76.
Street, O. E., 33.
Streeter, L. R., 54.
Streets, R. B., 3.
Strickland, G., 63.
Stringfield, G. H., 59.
Strong, F. C., 35.
Strong, V., 50.
Strong, W. O., 77.
Stubblefield, D. A., 16.
Stuckey, H. P., 14.
Studley, L. A., 39.
Sturgis, M. B., 71.
Sturkie, D. G., 1.
Sturlaugson, V., 57.
Suarez, E., 2.
Sudds, R. H., 65
Sugg, R. S., 2.
Sulerud, G. L., 16.
Sullivan, K. C., 42.
Summerour, C. W., 13.
Summers, O. N., 82.
Summers, T. H., 8.
Sumner, H. R., 25.
Sumner, W. A., 81.
Sunderlin, H. H., 23.
Sure, B., 4.
Surr, J. G., 7.
Sussex, S. W., 70.
Sutfin, J. A., 47.
Sutherland, M. E., 78.
Sutter, C. M., 69.
Suttle, A. D., 40.
Sutton, L. F., 79.
Swallow, A. P., 73.
Swanson, A. F., 27.
Swanson, C. O., 25.
Swanson, H. B., 23.
Swanson, L., 24.
Swanson, L. V., 24.
Swanson, P. P., 44.
Swartwout, H. G., 43.
Sweeney, M. P., 54.
Sweet, M. B., 16.
Sweetman, H. L., 38.
Swenehart, J. H., 80, 81.
Swenk, M. H., 45.
Swezey, O. H., 15.
Swift, H. C., 30.
Swift, R. W., 66.
Swingle, D. B., 44.
Swire, R. P., 30.
Swope, W. D., 64.
Symons, T. B., 31.
Szymoniak, B., 30.

Tabor, A., 14.
Tabor, P., 13.
Taff, P. C., 23.
Taggart, W. G., 29.
Tague, E. L., 26.
Tailby, G. W., jr., 51.
Talbert, T. J., 43.
Talbot, N. A., 61.
Talbot, R. F., 30.
Talcott, A., 23.
Taliaferro, W. T. L., 32.
Tanner, Mrs. A. L., 41.
Tanner, H. T., 41.
Tanner, J. E., 41.
Tannreuther, G. W., 43.
Tapley, W. T., 65.
Tarr, W. A., 42.
Tascher, W. R., 17.
Tate, J. N., 72.
Taubenhaus, J. J., 73.
Tavernetti, T. F., 5.
Taylor, A. D., 58.
Taylor, B. L., 16.
Taylor, C. A., 52.
Taylor, C. C. (N. C.), 55.
Taylor C., C. (Va.), 76
Taylor, C. M., 67.
Taylor, D. B., 56.
Taylor, F. W., 46.
Taylor, G. A., 64.
Taylor, G. E., 35.
Taylor, G. S., 38.
Taylor, J. B., 70.
Taylor, J. C. (Mont.), 43
Taylor, J. C. (Pa.), 65.
Taylor, L. C., 63.
Taylor, O. M., 54.
Taylor, R. W., 2.
Taylor, W. A., II.
Teague, J. E., 72.
Tear, J. F., 36.
Tedder, G. E., 12.
Temple, C. E., 32.
Templeton, G. S., 40.
Templin, E. H., 73.
Tenney, F. G., 48.
Terrell, W. G., 29.
Terrill, B. M., II, 75.
Test, L. A., 19.
Thaden, J. F., 36.
Thatcher, L. E., 59.
Thatcher, R. W., II, 50, 53.
Thayer, C. H., 33.
Thayer, C. L., 34.
Thayer, P., 65.
Theus, J. H., 30.
Thies, W. H., 34.
Thomas, C. A., 65.
Thomas, E. E., 5.
Thomas, F. L., 72.
Thomas, H. E., 53.
Thomas, J. L., 72.
Thomas, J. M., II, 47.
Thomas, J. R., 77.
Thomas, M., 55.
Thomas, M. D., 73.
Thomas, R. C. (Ga.), 14.
Thomas, R. C. (Ohio), 59.
Thomas, W., 64.
Thomasson, R. R., 42.
Thompson, B. G., 62.
Thompson, C. H., 34.
Thompson, C. P., 60.
Thompson, D. M., 19.
Thompson, E. J., 56.
Thompson, F. E., 71.
Thompson, G. E., 25.
Thompson, H. C., 52.
Thompson, H. M., 1.
Thompson, J., 49.

Thompson, J. B., 77.
Thompson, J. W., 38.
Thompson, M. J., 38, 40.
Thompson, O. A., 57.
Thompson, R. B., 61.
Thompson, S., 44.
Thompson, S. H., 22.
Thompson, T. J., 45.
Thompson, W. C., 48, 49.
Thomsen, F. L., 42.
Thomsen, L. C., 80.
Thor, A. U., 17.
Thorfinnson, T. S., 57.
Thornber, J. B., 16.
Thornber, J. J., 3.
Thorne, C. E., 59.
Thorne, G. B., 42.
Thornton, M. H., 21.
Thrash, C. L., 59.
Throckmorton, R. I., 25.
Thursby, I., 12.
Thurston, A. S., 32.
Thurston, F. M., 52.
Thurston, H. W., jr., 64.
Thurston, L. M., 38.
Tidmore, J. W., 1.
Tidwell, H. C., 72.
Tiebout, G. L., 30.
Tiedjens, V. A., 34.
Tiffany, E. M., 80.
Tiffany, L. H., 57.
Tilford, P. E., 59.
Timberlake, P. H., 6.
Tims, E. C., 29.
Tindall, J. B., 19.
Tingey, D. C., 73.
Tingley, E. M., 47.
Tippett, J. E., 7.
Tirrell, L. V., 9.
Tisdale, H. B., 1.
Tisdale, W. B., 12.
Tissot, A. N., 12.
Titsworth, G., 79.
Tittsler, R. P., 64.
Titus, C. M., 6.
Titus, H. W., 50.
Titus, R. W., 26.
Tobey, E. R., 31.
Tobey, G. N., 70.
Tobiska, J. W., 8.
Todd, C. C., 77.
Tom, R. B., 58.
Tomhave, A. E., 11.
Tomhave, W. H., 64.
Torgerson, E. F., 63.
Toro, R. A., 66.
Torrance, J. B., 38.
Torrence, Mrs. H. S., 68.
Torrey, E. C., 39.
Torrey, G. S., 9.
Torrey, J. P., 37.
Torrey, R. E., 33.
Totman, C. C., 69.
Tottingham, W. E., 80.
Trabue, E., 10.
Tracy, P. H., 17.
Transeau, E. N., 57.
Traub, H. P., 39.
Traum, J., 8.
Treakle, R. F., 76.
Treanor, K., 13.
Trebra, W. H. Von, 27.
Trenk, F. B., 32.
Tretsven, J. O., 44.
Trimble, R. E., 9.
Troeger, E., 63.
Trollope, G. A., 1.
Troop, J., 20.
Trost, J. F., 19.
Trotter, F. B., 79.
Trotter, I. P., 42.
Trout, G. M., 79.
Trowbridge, E. A., 41.
Trowbridge, P. F., 56.
Troy, H. C., 51.
True, A. C., II.
True, G. H., 5.
Truitt, R. V., 32.
Trull, F. W., 37.
Trummel, R. G., 18.
Truog, E., 81.
Tryon, H. H., 67.
Tubby, E., 9.
Tucker, C. K., 51.
Tucker, C. M., 66.
Tucker, D. A., 76.
Tucker, R. E., 27.
Tuckwiller, R. H., 79.
Tufts, W. P., 7.
Tukey, H. B., 54.
Tungeln, G. H. Von, 22.
Tunnicliff, E. A., 17.
Turlington, J. E., 12.
Turnbow, G. D., 6.
Turnbull, E. E., 3.
Turner, A. A., 13.
Turner, A. W., 23.
Turner, B. C., 2.
Turner, C. W., 42.
Turner, J. D., 29.
Turner, J. T., 62.
Turner, L. G., 65.
Turner, M. E., 24.
Turner, R. M., 78.
Tussing, E. B., 58.
Twitchell, H. P., 58.
Tyler, A. G., 38.
Tyrrell, B. F., 81.

Ufford, O. C., 8.
Uhland, R. E., 43.
Umberger, H. J. C., 25.
Underhill, G. W., 76.
Underwood, F. O., 53.
Underwood, W. W., 78.
Upham, A. H., 15.
Upp, C. W., 61.
Upson, F. W., 45.
Uren, A., 43.
Utz, E. J., 58.

Vail, C. E., 8.
Valle, M. A. del., 66.
Valleau, W. D., 28.
Van Aken, K. G., 18.
Van Alstine, E., 75.
Vanatta, E. E., 42.
Vanatter, P. O., 13.
Van Brocklin, F. R., 15.
Vandecaveye, S. C., 77.
Vandenberg, S. R., 14.
van der Meulen, P. A., 48.
Vandervort, J., jr., 17.
Van Deusen, Mrs. E. G., 42.
Vandrell, E. F., 64.
Van Dyke, E. C., 6.
Van Es, L., 46.
Van Haltern, F., 14.
Van Kirk, M. S., 63.
Van Lone, E. E., 81.
Van Meter, R. A., 34.
Van Rensselaer, M., 50, 52.
Vansell, G. H., 6.
Vanselow, A. P., 5.
Van Slyke, L. L., 54.
Van Vliet, J. W., 70.
Van Zwaluwenburg, R. H., 15.
Vasold, N., 18.
Vass, A. F., 82.
Vaughan, H. W., 38.
Vaughan, L. M., 51.
Vaughan, P. M., 77,
Vaughan, R. E., 81.
Vaughn, E. C., 28.
Vaughn, G., 30.
Vawter, L. R., 46.
Veatch, J. O., 37.
Vedder, M., 45.
Veihmeyer, F. J., 6.
Verbeck, R. H., 34.
Vernon, J. J., 76.
Verret, J. A., 15.
Vestal, C. M., 19.
Vestal, F. E., 41.
Vial, E. E., 51.
Vial, J. M., 64.
Vickers, G. S., 58.
Vickery, H. B., 10.
Vierheller, A. F., 32.
Vifquain, R. M., 23.
Villamil, F A., 66.
Vincent, C. C., 16.
Vincent, C. L., 78.
Vincent, G. W., 60.
Vinke, L., 44.
Vivian, A., II, 57.
Voges, C. R., 72.
Volk, N. J., 72.
Volz, E. C., 24.
von Ende, C. L., 16.
Von Trebra, W. H., 27.
Von Tungeln, G. H., 22.
Voorhies, E. C., 5, 6.
Vorhies, C. T., 3.
Voyagis, M. H., 47.

Watchter, H. M., 60.
Waddell, R. L., 44.
Wade, C. I., 76.
Wade, I. E., 61.
Wadleigh, C. B., 47.
Wadsworth, H. A., 6.
Waggener, S. M., 2.
Wagner, F. A., 27.
Wagner, R. G., 66.
Wagoner, L. C., 24.
Waite, R. B., 22.
Waite, R. H., 32.
Waite, W. C., 38.
Wakeland, C., 16.
Wakeman, A. J., 10.
Waksman, S. A., 48.
Walden, B. H., 10.
Waldron, C. B. 57.
Waldron, L. R., 56.
Walker, A. L., 50.
Walker, B. M., 40.
Walker, F., 74.
Walker, G. G., 58.
Walker, G. P., 21.
Walker, H. B., 26.
Walker, J. C., 81.
Walker, L. B., 45.
Walker, L. S., 33.
Walker, W. H., 72.
Walker, W. P., 32.
Walkey, F. L., 21.
Wallace, B. A., 58.
Wallace, H. F., 41.
Wallace, H. L., 45.
Wallace, M. E., 55.
Wallace, Q. W., 22.
Wallace, R. C. E., 19.
Waller, A. E., 57.
Waller, A. G., 48.
Waller, C. H., 73.
Waller, J. A., jr., 76.
Waller, K. A., 82.
Waller, O. L., 78.
Wallmark, L., 77.
Walpole, B. A., 35.
Walsh, F. E., 25.
Walsh, W. F., 54.
Walster, H. L., 56.
Walter, L. E., 82.
Waltman, C. S., 29.
Walton, L., 30.
Walton, R. C., 64.
Walton, T. O., II, 71.
Walts, C. C., 4.
Wanlass, W. L., 74.
Wanser, H. M., 78.
Ward, A. L., 72.
Ward, F. C., 13.
Ward, H. A., 28.
Ward, J. C., 9.
Ward, W. B., 24.
Ward, W. G., 26.
Wardall, R. A., II, 18.
Ware, A. S., 73.
Ware, H. G., 61.
Ware, L. M., 2.
Waring, J. H., 31.
Wark, A. C., 49.
Wark, C. H., 48.
Warner, A. J., 52.
Warner, D. E., jr., 10.

Warner, J. D., 67.
Warner, Mrs. L. A., 71.
Warner, W. H., 73.
Warren, D. C., 27.
Warren, G. F., 51.
Wartman, C. J., 77.
Warttman, P., 40.
Washington, J. I., 68.
Washington, W. H., 68.
Watenpaugh, H. N., 43.
Waterhouse, W. G., 7.
Waters, M., 59.
Waters, N. F., 66.
Waters, R. E., 67.
Watkins, C., 30.
Watkins, D. W., 68.
Watkins, L. J., 2.
Watson, A. H., 21.
Watson, C. W., 16.
Watson, J. R., 12.
Watson, M. E., 31.
Watson, P. P., 29.
Watson, T. G., 57.
Watt, A. J., jr., 15.
Watts, R. J., 34.
Watts, R. L., II, 64.
Waugh, F. A., 34.
Waugh, F. E., 10.
Waugh, G. L., 47.
Weakley, C. E., jr., 79.
Weare, E. C., 13.
Weaver, A. J., 72.
Weaver, B. L., 19.
Weaver, D. S., 54.
Weaver, E., 21.
Weaver, F. P., 64.
Weaver, G. S., 70.
Weaver, J. E., 45.
Weaver, L. A., 41.
Weaver, L. E., 53.
Weaver, R. A., 19.
Weaver, V. H., 18.
Weaver, W. E., 60.
Weaver, W. R., 27.
Webb, E. G., 36.
Webb, W. L., 5.
Webber, G. B., 53.
Webber, H. J., 5, 7.
Weber, A. D., 26.
Weber, C. W., 42.
Weber, G. F., 12.
Webster, R. L., 78.
Wedgworth, H. H., 53.
Weeks, D., 6.
Weems, C., 14.
Wegner, E. E., 78.
Wehrle, L. P., 52.
Weidemann, A. G., 37.
Weimer, J. L., 26.
Weinard, F. F., 19.
Weinke, O. A., 72.
Weir, W. W., 5.
Weisner, O. J., 56.
Weiss, C. E., 52.
Welch, D. S., 53.
Welch, E. G., 28.
Welch, H., 44.
Welch, L. M., 42.
Weld, E. S., 63.
Weldin, J. C., 22.
Weldon, M. M., 28.
Weller, D. M., 15.
Weller, M., 39.
Welles, W. S., 33.
Wellhouse, W. H., 25.
Wellington, R., 54.
Wellman, F. L., 81.
Wellman, H. R., 6.
Wells, Mrs. B., 36.
Wells, B. W., 55.
Wells, C. F., 69.
Wells, E. B., 25.
Wells, H. M., 37.
Wells, J. G., jr., 35.
Wells, W. T., 61.
Welsh, Mrs. C. P., 32.
Welsh, M. F., 31.
Welton, F. A., 59.
Wendt, W. A., 15.
Wentling, J. P., 39.
Wentworth, S. W., 47.
Wentz, J. B., 23.
Werkman, C. H., 22.
Werner, H. O., 45.
Wertheim, E., 24.
Wertz, V. R., 69.
Wess, Mrs. J. P., 61.
Wessels, P. H., 53.
West, C. H., 6.
West, E., 12.
West, F. L., 74.
West, R. B., 74.
Westbrook, E. C., 13.
Westgate, J. M., 15.
Westgate, M. E., 65.
Westley, R. O., 82.
Weston, J. W., 36.
Westover, K. C., 79.
Wetherbee, D. H., 52.
Whaley, G. C., 67.
Whalin, O. L., 18.
Wharton, M. F., 4.
Whedbee, E. D., jr., 5.
Whedon, A. D., 56.
Wheeler, E. W., 65.
Wheeler, J. T., 13.
Wheeler, R. H., 52.
Wheeler, S. S., 82.
Wheeler, W. P., 53.
Wheelis, W. B., 66.
Wheeting, L. C., 37.
Whelan, D. B., 45.
Whetzel, H. H., 53.
Whipple, B. K., 42.
Whipple, G. L., 63.
Whitaker, E. B., 4.
Whitaker, R., 51.
Whitcomb, D. D., 67.
Whitcomb, W. D., 33.
Whitcomb, W. O., 44.
White, A., 32.
White, A. S., 51.
White, B., 33.
White, C. H., 31.
White, D. S., 57.
White, E , 78.
White, E. A., 52.
White, G. C., 10.
White, H. B., 38.
White, H. C., 13
White, H. H., 62
White, J. W., 64.
White, M. L., 77.
White, R. C., 72.
White, R. P., 26.
White, S. H., 19.
White, T. H., 32.
White, Mrs. W. P., 14.
White, W. R., 65.
White, W. T., 3.
Whiteford, G. H., 8.
Whitehead, F. E., 16.
Whitehouse, J. W., 28.
Whitehouse, W. E., 32.
Whitehurst, E., 50.
Whitfield, J. E., 2.
Whiting, A. L., 80.
Whiting, P. W., 31.
Whiting, R. A., 21.
Whitlock, M. C., 18.
Whitney, E. M., 10.
Whitson, A. R., 81.
Whittaker, J. C., 68.
Wiancko, A. T., 21.
Wiegand, E. H., 63.
Wiegand, K. M., 51.
Wiggans, C. B., 4.
Wiggans, C. C., 45.
Wiggin, W. W., 31.
Wiggins, R. G., 53.
Wight, H. M., 63.
Wilbanks, W. C., 4.
Wilbur, J. W., 20.
Wilbur, O. M., 30.
Wilcox, A. N., 39.
Wilcox, J., 62.
Wilcox, L. P., 63.
Wilcox, R. B., 59.
Wilcox, R. H., 18.
Wilde, E. I., 65.
Wilder, C. N., 13.
Wilder, H., 36.
Wilder, J. A. H., 15.
Wilder, S. Z., 69.
Wildon, C. E., 67.
Wileden, A. F., 80.
Wileman, R. H., 20.
Wiley, C. G., 14.
Wiley, J. R., 19.
Wiley, R. C., 32.
Wilford, E. J., 28.
Wilkes, C., 62.
Wilkins, A., 45.
Wilkins, F. S., 23.
Wilkins, M. R., 43.
Wilkins, W. W., 68.
Wilkinson, A. E., 10.
Wilkinson, J. A., 22.
Wilkinson, R. S., 68.
Willaman, J. J., 38.
Willard, C. J., 58.
Willard, H. S., 82.
Willard, J. D., II, 33.
Willard, J. T., 26.
Willard, R. E., 56.
Willberg, O., 81.
Willey, C. R., 76.
Willey, H. F., 15.
Williams, B. O., 68.
Williams, C. B., 54.
Williams, C. C., 36.
Williams, C. F., 55.
Williams, C. G., 59.
Williams, C. M., 43.
Williams, C. V., 26.
Williams, D. W., 71.
Williams, E. A., 14.
Williams, F. M., 52.
Williams, F. X., 15.
Williams, G., 73.
Williams, G. A., 20.
Williams, J. C., 63.
Williams, L. C., 27.
Williams, L. F., 55.
Williams, Mrs. M., 14.
Williams, N. H., 56.
Williams, P. S., 64.
Williams, R. H., 72.
Williams, W., 73.
Williamson, Mrs. C. M., 56.
Williamson, D. D., 47.
Williamson, H. H., 72
Williamson, J. T., 1.
Williamson, M., 24.
Willier, J. G., 25.
Willis, B. C., 39.
Willis, J. W., 41.
Willis, L. G., 54.
Willis, M. A. (Ga.), 14.
Willis, M. A. (La.), 30.
Willis, R. L., 49.
Williston, D. A., 2.
Willman, J. P., 51.
Willmarth, A. B., 75.
Willoughby, C. H., 12.
Willoughby, L. E., 25.
Willoughby, M. A., 20.
Willson, C. A., II, 70.
Willson, E. A., 56.
Willson, L. H., 25.
Willson, R. B., 52.
Wilner, S., 57.
Wilson, A. J., 55.
Wilson, A. L., 74.
Wilson, A. M., 43.
Wilson, B. D., 50.
Wilson, C. E., 58.
Wilson, C. P., 50.
Wilson, C. V., 79.
Wilson, D. D., 27.
Wilson, E. (Iowa), 24.
Wilson, E. (La.), 29.
Wilson, E. D., 31.
Wilson, E. J., 73.
Wilson, F. G., 80.
Wilson, F. R., 6.
Wilson, F. W., 46.
Wilson, H. F., 81.
Wilson, H. L., 55.
Wilson, I. D., 76.
Wilson, J. F., 5.

Wilson, J. K., 50.
Wilson, J. T., 60.
Wilson, J. W., 69.
Wilson, L. M., 24.
Wilson, L. V., 38.
Wilson, Mrs. M. L., 71.
Wilson, M. M., 63.
Wilson, R. C., 13.
Wilson, R. S., 40.
Wilson, S. M., 65.
Wilson, W. C., 28.
Wimer, D. C., 17.
Winant, H. B., 32.
Winchell, J. A., 75.
Winchester, G., 48.
Winfrey, R. E., 24.
Wing, E. M., 8.
Wing, H. H., 51.
Wingard, S. A., 76.
Wingfield, J. C., 3.
Winkler, A. J., 7.
Winkler, C. H., 72.
Winsor, H. W., 48.
Winsor, L. M., 74.
Winter, A. R., 59.
Winter, F. L., 17.
Winter, J. S., 6.
Winter, O. B., 35.
Winterer, E. V., 5.
Winters, E. S., 2.
Winters, R. Y., 54.
Winters, V. M., 2.
Winton, B., 70.
Wiseman, C. R., 69.
Wist, J. E., 15.
Withycombe, R., 63.
Witter, D. P., 52.
Wixson, S., 36.
Wodsedalek, J. E., 16.
Wojta, J. F., 81.
Wolfe, T. K., 75.
Wood, A. T., 11.
Wood, B. B., 34.
Wood, C. J., 4.
Wood, D. C., 42.
Wood, I. D., 45.
Wood, J. H., 13.
Wood, S. R., 60.
Wood, W. H., 72.
Woodard, C. S., 5.
Woodard, O., 14.
Woodcock, E. F., 35.
Woodley, W. H., 4.
Woodroof, J. G., 14.
Woodrow, J. W., 25.
Woods, A. F., II, 31.
Woods, E., 81.
Woods, K. E., 11.
Woods, M., 2.
Woodward, A. E., 31.
Woodward, C. R., 48, 49.
Woodward, H. M., 34.
Woodward, H. O., 13.
Woodward, K. W., 47.
Woodward, N. F., 44.
Woodworth, C. M., 17.
Woodworth, C. W., 6.
Woodworth, H. C., 47.
Wooley, J. C., 42.
Woolsey, C., 4.
Worcester, M. A., 27.
Work, P., 53.
Working, E. B., 25.
Workman, N., 24.
Works, G. A., 51.
Worthen, E. L., 50.
Worthington, A. D., 25.
Worthley, H. N., 65.
Wray, J. D., 13.
Wray, R., 6.
Wrenshall, R., 14.
Wright, A. H. (N. Y.), 53.
Wright, A. H. (Wis.), 80.
Wright, C. C., 78.
Wright, F. B., 51.
Wright, J. B., 41.
Wright, K. E., 18.
Wright, K. T., 18.
Wright, M. L., 36.
Wright, R. G., 48.
Wright, T. R. H., 69.
Wright, W. H., 80.
Wright, W. J., 51.
Wuichet, J. W., 57.
Wurderman, A., 24.
Wyche, R. H., 73.
Wylie, C. E., 70.
Wylie, M., 52.
Wyngarden, H., 35.

Yakeley, D. M., 37.
Yapp, W. W., 18.
Yashin, P., 53.
Yates, H. O., jr., 31.
Yates, W. W., 62.
Yaxis, T. G., 33.
Yeager, A. F., 57.
Yerkes, M., 45.
Yetter, W. P., jr., 9.
Yoder, F. R., 78.
Yoder, L., 22.
York, H. A., 41.
Young, A. L., 18.
Young, B. P., 53.
Young, C. H., 47.
Young, D. B., 3.
Young, E. C., 20.
Young, G. E., 20.
Young, H. C., 59.
Young, H. J., 45.
Young, H. P., 75.
Young, I. W., 61.
Young, J. B., 70.
Young, N. B., 43.
Young, P. A., 44.
Young, P. R., 52.
Young, V. D., 44.
Young, V. H., 4.
Young, W. A., 1.
Young, W. H., 18.
Youngblood, B., II, 71, 72.
Youngman, W. H., 72.
Yount, H. W., 33.

Zahnley, J. W., 25.
Zappe, M. P., 10.
Zavoral, H. G., 38.
Zeasman, O. R., 80, 81.
Zeeuw, R. de, 35.
Zeller, P. J. A., 49.
Zeller, S. M., 62.
Ziegler, H., 12.
Ziegler, P. T., 64.
Zimmerley, H. H., 77.
Zimmerman, P. W., 32.
Zimmerman, R. L., 17.
Zon, R., 40.
Zook, L. L., 46.
Zudreele, G., 16.
Zundel, G. L., 78.

ADDITIONAL COPIES
OF THIS PUBLICATION MAY BE PROCURED FROM
THE SUPERINTENDENT OF DOCUMENTS
GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C.
AT
15 CENTS PER COPY
▽

28

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY
UNITED STATES DEPARTMENT OF AGRICULTURE
BOUND BY HNM

NATIONAL AGRICULTURAL LIBRARY
1022388652